

200 Questions

Que. 1 **Directions:** Study the following information to answer the given questions.

Nine persons J, K, L, M, N, O, P, Q and R are sitting in a straight row but not in the same order. Some of them are facing south and others facing north direction. Not more than two adjacent persons face in the same direction. J sits 4th from one of the extreme ends. K sits 5th to the right of J. Two persons sit between K and N and both K and N are facing towards the north. One person sits between N and P, who sits to the immediate left of Q. R sits third to the right of P, who faces south. O sits to the immediate left of both L and J. M and R face the same direction.

Who sits immediate right of J?

1. R
2. M
3. L
4. P
5. K

Correct Option - 1

Que. 2 Find the odd one.

1. M
2. L
3. R
4. K
5. Q

Correct Option - 4

Que. 3 Who sits fourth to the left of N?

1. J
2. K
3. L
4. M
5. P

Correct Option - 3

Que. 4 R sits exactly between ___ and ___.

1. N – Q
2. J – N
3. O – Q
4. Both 1) and 2)
5. Both 2) and 3)

Correct Option - 5

Que. 5 Number of persons sitting to the right of ___ is equal to number of persons sitting to the left of J.

1. K
2. L
3. N
4. P
5. Q

Correct Option - 3

Que. 6 **Direction:** Study the following information carefully to answer the given questions:

Seven persons M1, M2, M3, M4, M5, M6 and M7 score different marks in chemistry exam. At least three persons score better marks than M5. The score of M7 is 37, which is the lowest marks that anyone has scored. M2 scores better marks than M4 but not better than that of M5. Person, who scored 2nd highest marks, scored 88 marks. Neither M1 nor M6 scored 88 marks.

Who among the following scored the highest marks?

1. M6
2. M4
3. M1
4. M5
5. Cannot be determined

Correct Option - 5

Que. 7 What would be possible score of M4 if M2 scores 67 marks?

1. 90
2. 17
3. 70
4. 55
5. 10

Correct Option - 4

Que. 8 How many persons score better marks than M5?

1. Two
2. Three
3. One
4. Five
5. Four

Correct Option - 2

Que. 9 Rahul remembers that his exam will be after 12th September and before 19th September while Sahil remembers that their exam will be after 13th September and before 20th September and Sonali says that her examination will be after 15th September and before 22nd September. What is the exact date of their exam?

1. 16th September
2. 17th September
3. 18th September
4. 19th September
5. Can not be determined.

Correct Option - 5

Que. 10 Which of the following symbols should be placed in the blank spaces respectively (in the same order from left to right) in order to complete the given expression in such a manner that “ $S < X$ ” and “ $N \geq P$ ” definitely hold True?

$X _ N _ O \geq S _ P$

1. $>, =, >$
2. $=, \geq, =$
3. $>, \geq, =$
4. $>, >, \geq$
5. None of these

Correct Option - 3

Que. 11 Which of the following symbols should be placed in the blank spaces respectively (in the same order from left to right) in order to complete the given expression in such a manner that “ $B \geq T$ ” definitely holds True?

$A _ B _ I _ N _ R _ T$

1. $<, \leq, =, <, <$
2. $<, <, \leq, <, =$
3. $>, \geq, =, \geq, \geq$
4. $>, >, =, >, \geq$
5. $>, =, \geq, >, =$

Correct Option - 3

Que. 12 In the following question, how to place the symbols so that both the conditions, $Y > L$ and $A \leq L$, definitely hold true when all the expressions are considered together?

$H > C _ T < Y; C = L _ J; J \geq Z _ A$

1. $<, >, =$
2. $=, <, <$
3. $=, =, <$
4. $<, \geq, \geq$
5. $<, =, >$

Correct Option - 4

Que. 13 **Direction:** Read the information given below carefully and answer the following questions.

11 persons A, B, C, D, E, F, G, H, I, J and K are sitting in a circular table such that all of them are facing the center. There are two people sitting between A and B. G is the immediate neighbor of I and B. K and F are immediate neighbors. The number of persons between A and G is the same as the number of persons between K and A. There is one person between H and F. H is not an immediate member of I and K. There are three people between H and D. One of the neighbors of H is C. E and J are immediate neighbors. J sits to the immediate left of E. E and A are not immediate neighbors. I and A are not immediate members.

Who is sitting third to the left of H?

1. A
2. G
3. B

4. K
5. J

Correct Option - 4

Que. 14 If I and J interchange their position, then who sits to the immediate right of J?

1. A
2. B
3. C
4. D
5. E

Correct Option - 4

Que. 15 Find the odd one out from the following.

1. GK
2. DB
3. EH
4. JC
5. AF

Correct Option - 1

Que. 16 Which of the following statement is false about A?

- I. A sits second to the right of C.
 - II. Even number of persons sit between A and I when counted from the left of A.
 - III. Immediate neighbors of A are H and E.
1. Only I
 2. Only II
 3. Only III
 4. Both I and II
 5. Both II and III

Correct Option - 5

Que. 17 How many persons sit between K and D when counted from the right of K?

1. None
2. Nine
3. Ten
4. Four
5. Six

Correct Option - 2

Que. 18 **Directions:** Study the information given below carefully and answer the following questions that follow.

Sagar starts walking from his office in the South direction and walks for 5 km, from here he takes a left turn to reach the coffee shop which is 4 km away. From the coffee shop, he takes a left turn and walks for 1 km, and finally takes a right turn to reach the park which is 3 km away. Another person, Anurag also starts walking from the same office in the South direction and walks for 4 km, and then takes a left turn to reach the

car stand which is 2 km. From the car stand, he takes a left turn and walks for 6 km and then takes right turn and walks 2 km and takes right turn and walks 2 km and then again takes left turn and walks 3 km and then takes right turn and walks for 4 km to reach the park.

What is the shortest distance between the office and the car stand?

1. $\sqrt{29}$ km
2. $\sqrt{27}$ km
3. 22 km
4. 29 km
5. $\sqrt{20}$ km

Correct Option - 5

Que. 19 What is the total distance between covered by Sagar from Coffee shop to Park?

1. 9 km
2. 5 km
3. 4 km
4. 6 km
5. 10 km

Correct Option - 3

Que. 20 In which direction is the final position with respect to the initial position for Sagar?

1. South-West
2. North-West
3. South
4. South-East
5. North

Correct Option - 4

Que. 21 H is brother of P. D is father-in-law of S. H is son of G. P is wife of S. K is daughter of L. L is wife of H. How is G related to K?

1. Maternal Grand Mother
2. Maternal Grand Father
3. Paternal Grand Mother
4. Paternal Grand Father
5. None of these

Correct Option - 3

Que. 22 **Direction:** Read the information given below carefully and answer the following questions.

Six persons namely Sam, Anu, Deva, Arvind, Shri and Nazim bought the dress on different days of the week starting from Monday to Saturday. They bought different color dresses i.e., Red, Green, Orange, Blue, Pink, and Yellow. All the information is not necessarily in the same order. Nazim bought on three days before the one who bought the blue color dress. The number of persons bought before Nazim is the same as the number of persons bought after Deva. Only one day is there between the one who bought pink color dress and Deva. The one who bought a green color dress is bought immediately before the one who bought orange color dress. Deva does not buy the orange color dress. Sam bought immediately before the one who bought a yellow color dress. Neither Arvind nor Shri bought red color dress. Arvind bought before Shri but not before

Anu.

Yellow color dress is bought by whom?

1. Arvind
2. Sam
3. Shri
4. Nazim
5. Deva

Correct Option - 4

Que. 23 Find the wrong pair.

1. Monday-Red
2. Nazim-Wednesday
3. Green-Deva
4. Sam-Thursday
5. Shri-Yellow

Correct Option - 5

Que. 24 Deva bought _____ color dress on _____.

1. Orange, Monday
2. Green, Thursday
3. Pink, Thursday
4. Green, Tuesday
5. Red, Thursday

Correct Option - 2

Que. 25 If Arvind and Nazim interchange their position, then who bought dress just after Nazim?

1. Anu
2. Sam
3. Deva
4. Arvind
5. Shri

Correct Option - 5

Que. 26 Pink color dress is bought on _____.

1. Saturday
2. Monday
3. Tuesday
4. Thursday
5. Friday

Correct Option - 3

Que. 27 **Directions:** Study the following information carefully and answer the questions that follow.

A certain number of people are sitting in a row facing towards the north. X is sitting second from the right end of the row. Five persons are sitting between X and P. C is sitting immediate right of P. E is sitting third to the right of C. Seven persons are sitting to the left of E. A is sitting on one of the extreme ends

but not sitting immediately right of X. T is sitting eighth to the right of A and immediately left of X. Y is sitting second to the right of T. Four persons are sitting between Y and R.

Who is sitting at the extreme left end of the row?

1. P
2. A
3. T
4. X
5. Y

Correct Option - 2

Que. 28 How many seats are there in row?

1. 10
2. 11
3. 13
4. 14
5. 17

Correct Option - 2

Que. 29 How many persons are sitting between C and T?

1. Two
2. Four
3. Three
4. Five
5. Six

Correct Option - 3

Que. 30 Who is sitting immediate left of R?

1. C
2. P
3. T
4. Y
5. A

Correct Option - 1

Que. 31 **Direction:** Study the following information and answer the questions given below.

Seven people P, Q, R, S, T, U, and V are from seven different countries India, Brazil, China, USA, UAE, UK, and Russia not necessarily in the same order. Each one of them works in the same company but on different designation i.e. Chief Executive Officer (CEO), Chairman, Manager, Deputy Manager (DM), Assistant Manager (AM), Assistant and Clerk. These ranks are given in descending order (ex. CEO is the senior and Clerk is the junior).

P is senior to V but he is neither CEO nor Manager. U is senior to R who is not from UAE. Two designations are between Q and the one who is from Brazil. P is from China and immediate senior to the one who is from UAE. Q is a junior to the AM and he is from Russia. More than four people are senior to S. The number of people who are senior to the one who is from Brazil is the same as the number of people junior to V. T is from the USA and is junior to one who is from India.

What is the designation of V?

1. COO
2. Manager
3. DM
4. Assistant
5. AM

Correct Option - 5

Que. 32 How many persons are senior to T?

1. 1
2. 2
3. 3
4. 4
5. None

Correct Option - 1

Que. 33 Who among the following is from UAE?

1. P
2. R
3. S
4. V
5. U

Correct Option - 4

Que. 34 Which of the following is the incorrect pair?

1. P - China
2. Assistant - S
3. T - Chairman
4. R - Brazil
5. CEO - India

Correct Option - 2

Que. 35 How many designations are there between U and S?

1. 1
2. 2
3. 3
4. 4
5. 5

Correct Option - 5

Que. 36 **Direction:** Read the information given below carefully and answer the following questions.

A person buy ten products namely I, J, K, L, M, N, O, P, Q, and R one after another but not necessarily in the same order. N was bought four products before P. Only one product is bought between P and K. At least three products are bought before N. The number of products before N is same as after I. Only

three products are bought between I and L. L neither bought at first nor last. The number of products between K and I is the same as between J and N. R was bought three products before M. M was bought after I. O was bought before Q and is not the first product to bought.

How many products were bought between O and I?

1. Two
2. Three
3. Five
4. Six
5. Four

Correct Option - 5

Que. 37 Find the odd one out.

1. J, L
2. O, N
3. Q, I
4. K, I
5. P, K

Correct Option - 4

Que. 38 Number of products after N is same as the number of products before _____.

1. K
2. P
3. M
4. Q
5. I

Correct Option - 5

Que. 39 Which of the following is true?

- I. J is the last product to buy.
- II. The number of products before Q is same as the number of products after N.
- III. Even number of products is bought between L and K.

1. Both I and III
2. Both II and III
3. Only I
4. All the above
5. Only III

Correct Option - 5

Que. 40 Odd number of persons sit between _____ and _____.

1. R, M
2. M, I
3. O, Q
4. I, N
5. J, N

Correct Option - 2

Que. 41 Directions: Study the given table carefully and answer the questions accordingly.

The table shows the flats (1BHK and 2BHK) in 4 different societies.

Society	1 BHK	2 BHK
P	Z	25% more
Q	$Z - 1$	160
R	$Z - 2$	50% less
S	$Z - 3$	90

Note: The average number of 1BHK flat is 125.

Find the difference between 1BHK flats and 2 BHK flats in society Q.

1. 17
2. 27
3. 37
4. 47
5. 57

Correct Option - 3

Que. 42 The number of 2BHK flats in Society P is how much percent more than the number of 2BHK flats in Society S.

1. 66%
2. 50%
3. 80%
4. 45%
5. 72%

Correct Option - 5

Que. 43 What will be the ratio of number of 1BHK flats in Society Q and the number of 2BHK flats in Society S?

1. 43 : 30
2. 41 : 30
3. 47 : 30
4. 53 : 30
5. 37 : 30

Correct Option - 2

Que. 44 Find the total number of 2BHK flats in society P and R together.

1. 208
2. 216
3. 226
4. 210
5. 256

Correct Option - 2

Que. 45 Which of the following Statement is correct as per the given table?

1. Total number of 2BHK flats in Society R is 50 more than the total number of 1 BHK flats in society S.
2. The total number of 1BHK flats in Society Q is approximately 45% more than that of total number of 2BHK Flats in society S.
3. The total number of 1BHK flats in Society R is equal to total number of 2BHK flats in Society P.
4. Total number of 1BHK flats in Societies Q and S together is $\frac{2}{3}$ rd of the total number of 2BHK flats in Society P and R.
5. None of them is true

Correct Option - 4

Que. 46 What should come in place of the question mark '?' in the following number series?

3, 4, 10, 33, 136, ?, 4116

1. 575
2. 580
3. 685
4. 680
5. 500

Correct Option - 3

Que. 47 What should come in place of the question mark '?' in the following number series?

12, 16, 25, 41, 66, ?

1. 122
2. 106
3. 101
4. 102
5. 99

Correct Option - 4

Que. 48 What should come in place of the question mark '?' in the following number series?

299, 302, 308, 317, ?, 344

1. 327
2. 328
3. 329
4. 330
5. 331

Correct Option - 3

Que. 49 What should come in place of the question mark '?' in the following number series?

25, 200, 40, ?, 64, 512

1. 320
2. 45
3. 80
4. 64

5. 216

Correct Option - 1

Que. 50 What should come in place of the question mark '?' in the following number series?

1, 27, ?, 343, 729, 1331.

1. 27
2. 125
3. 343
4. 72
5. 1331

Correct Option - 2

Que. 51 Given below are two quantities named A and B. Based on the given information, you have to determine the relationship between the two quantities. You should use the given data and your knowledge of Mathematics to choose between the possible answers.

Quantity A: What will be the difference between compound interest and simple interest for 4 years on a principal of Rs 20480 at the rate of 25% per annum?

Quantity B: Rs 8079

1. Quantity A > Quantity B
2. Quantity A < Quantity B
3. Quantity A \geq Quantity B
4. Quantity A \leq Quantity B
5. Quantity A = Quantity B or No relation

Correct Option - 1

Que. 52 Given below are two quantities named A and B. Based on the given information, you have to determine the relationship between the two quantities. You should use the given data and your knowledge of Mathematics to choose between the possible answers.

Quantity A: An amount is to be distributed among A, B, and C in the ratio 1 : 3 : 2 respectively, but was erroneously distributed in the ratio 2 : 7 : 9 due to which B got Rs. 136 less. What is the amount to be distributed?

Quantity B: Rs 1228

1. Quantity A > Quantity B
2. Quantity A < Quantity B
3. Quantity A \geq Quantity B
4. Quantity A \leq Quantity B
5. Quantity A = Quantity B or No relation

Correct Option - 2

Que. 53 Given below are two quantities named A and B. Based on the given information, you have to determine the relationship between the two quantities. You should use the given data and your knowledge of Mathematics to choose between the possible answers.

Quantity A: A shopkeeper bought 300 pens for Rs 1200. He wanted to sell them at a profit so that he got 36 pens for free. At what profit percent should he sell them?

Quantity B: 15%

1. Quantity A > Quantity B
2. Quantity A < Quantity B

3. Quantity A \geq Quantity B
4. Quantity A \leq Quantity B
5. Quantity A = Quantity B or No relation

Correct Option - 2

Que. 54 A can do the work in 15 days and is 50% more efficient than B. They started work together alternatively starting from A. Find in how many days, they both can complete the work.

1. 10 days
2. 15 days
3. 18 days
4. 12 days
5. 9 days

Correct Option - 4

Que. 55 A train 525 meters long running at a speed of 103 kmph overtakes another train which is 425 meters long running at a speed of 73 kmph in the same direction. Find the time taken by the faster train to overtake the slower train. (In seconds)

1. 118
2. 116
3. 120
4. 114
5. 122

Correct Option - 4

Que. 56 Ratio of Cost price to selling price of a book is 5 : 6 and ratio of selling price to marked price is 4 : 5. Marked price of the book is by what percent more than that of cost price of the book?

1. 30%
2. 50%
3. 60%
4. 40%
5. 33%

Correct Option - 2

Que. 57 To cross a man standing on platform, a train takes 40 seconds. When the same train crosses the platform at half its speed, it crosses the platform in 120 seconds. Find the ratio of lengths of train and platform.

1. 1 : 1
2. 2 : 1
3. 2 : 3
4. 4 : 3
5. 4 : 1

Correct Option - 2

Que. 58 The area of the Rectangle is 6 times more than that of Square. If the ratio of perimeter of Rectangle and Square is 5 : 2, then find the length of the rectangle.

1. 12 units

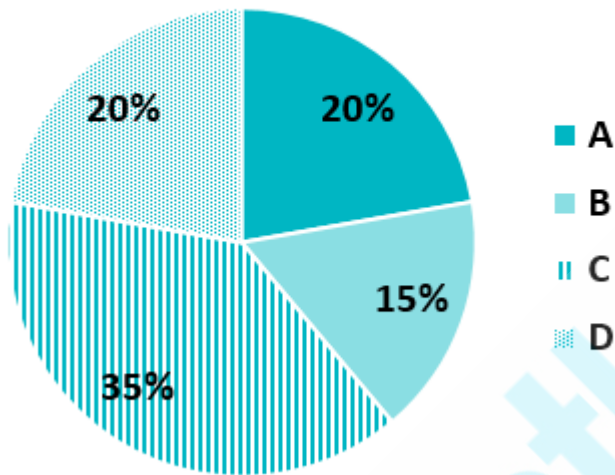
2. 24 units
3. 16 units
4. 10 units
5. 18 units

Correct Option - 5

Que. 59 Direction: Read the Pie chart and Table carefully and answer the following questions:

The Pie chart shows the number of Employees in five different companies (in %) at the end of the December month. The total number of Employees at the end of December is 8000.

Number of Employees in Four Different Companies



The table shows the data of number of Employees Join and Left the company in the month of January

Company	(Join + Left)	(Join – Left)
A	220	80
B	270	90
C	180	60
D	320	160

Find the total number of employees in company D at the end of January.

1. 2420
2. 2670
3. 2860
4. 2560
5. 2260

Correct Option - 4

Que. 60 Find the difference between the total number of employees in company B and company A at the end of January.

1. 250
2. 440
3. 390
4. 740
5. 620

Correct Option - 3

Que. 61 Total number of Employees joined in company B is what percent of the total number of Employees joined in company D?

1. 60%
2. 50%
3. 33.33%
4. 66.67%
5. 75%

Correct Option - 5

Que. 62 Find the ratio between the number of employees left from company D to the number of employees left from company C.

1. 4 : 5
2. 3 : 4
3. 4 : 3
4. 2 : 1
5. 4 : 1

Correct Option - 3

Que. 63 What is the total number of Employees joined in the month of January?

1. 590
2. 730
3. 710
4. 690
5. 570

Correct Option - 4

Que. 64 Total number of employees left from all the companies together is how much percent more than the number of employees joined in company D?

1. 12.5%
2. 25%
3. 30%
4. 45%
5. 50%

Correct Option - 2

Que. 65 In the given questions, two equations numbered I and II are given. You have to solve both the equations and mark the appropriate answer.

I. $3x^2 - 18x + 15 = 0$

II. $4y^2 - 84y + 320 = 0$

1. $x > y$
2. $x \leq y$
3. $x \geq y$
4. $x < y$

5. $x = y$ or relation between x and y can not be determined.

Correct Option - 2

Que. 66 In the given questions, two equations numbered I and II are given. You have to solve both the equations and mark the appropriate answer.

I. $x^2 + 20x + 91 = 0$

II. $y^2 - 21y + 80 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. $x = y$ or no relation found between x and y

Correct Option - 2

Que. 67 In the given questions, two equations numbered I and II are given. You have to solve both the equations and mark the appropriate answer.

I. $14x^2 - 32x - 30 = 0$

II. $10y^2 - y - 24 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. $x = y$ or no relation found between x and y .

Correct Option - 5

Que. 68 In the given questions, two equations numbered I and II are given. You have to solve both the equations and mark the appropriate answer

I. $2x^2 + 8x - 90 = 0$

II. $25y^2 - 45y - 10 = 0$

1. $x < y$
2. $x > y$
3. $x \leq y$
4. $x \geq y$
5. $x = y$ or the relation between x and y can't be established.

Correct Option - 5

Que. 69 In the given questions, two equations numbered I and II are given. You have to solve both the equations and mark the appropriate answer.

I. $3x - 18 = 0$

II. $2y^2 - 7y + 5 = 0$

1. $x > y$
2. $x < y$
3. $x \leq y$
4. $x \geq y$

5. $x = y$ or no relation found in x and y .

Correct Option - 1

Que. 70 **Direction:** Data given below of 4 containers A, B, C and D contains mixture of different liquids. Read the data and answer the following question carefully.

Container A contains mixture of only water and rum in ratio 7 : 4. Volume of rum in container B is 12.5% less than that of rum in container A and in addition to that volume of vodka in container B is equal to volume of rum in container A. Ratio of Rum and vodka in container C is in ratio 2 : 1. Vodka in container C is same as of volume of rum in container B. volume of water in container D is double the volume of water in container B. Container D contains only water and vodka. Volume of container B is same as container C. Container B contains water also. Ratio of water and vodka in container D is 3 : 5. Difference of volume in container A and D is 50 litres.

find the ratio of total volume of container B and container C together to the total volume of container D.

1. 16 : 21
2. 21 : 8
3. 15 : 17
4. 21 : 16
5. None of these

Correct Option - 4

Que. 71 if 10 litres of rum from container A is poured in container B and 10 litre of water from container B is poured into container A. Find the new ratio of water and rum in container A.

1. 1 : 2
2. 2 : 1
3. 3 : 2
4. 8 : 3
5. None of these

Correct Option - 4

Que. 72 If contents of container B and C is mixed together in new container E. find the volume of water, rum and vodka in container E.

1. 30 L, 40 L, 50 L
2. 35 L, 105 L, 80 L
3. 105 L, 30 L, 75 L
4. 30 L, 105 L, 75 L
5. None of these

Correct Option - 4

Que. 73 find the ratio of vodka in container B, C and D.

1. 8 : 7 : 15
2. 8 : 7 : 20
3. 5 : 6 : 7
4. 7 : 15 : 20
5. None of these

Correct Option - 2

Que. 74 If price per litre of rum and vodka is Rs. 100 and Rs. 150. find the cost of container A.

1. Rs. 6000
2. Rs. 5500
3. Rs. 5000
4. Rs. 4000
5. None of these

Correct Option - 4

Que. 75 In an election 2 participants participated. 325 voters didn't participate in an election. If a winning candidate got 25% more votes than another and won by the votes mathematically equal to the voters who didn't participate. Find the number of voters of an election.

1. 2925
2. 1625
3. 6500
4. 3250
5. None of the above.

Correct Option - 4

Que. 76 A started a business investing Rs. 3000. After 3 months, B joined the business investing Rs. 2000. After some more time, C joined the business investing Rs. 1500. At the end of the year, profit from the business was Rs. 16000 and share of C was Rs.1600 out of the profit. For how many months C invested in the business?

1. 3
2. 5
3. 6
4. 4
5. 7

Correct Option - 4

Que. 77 Two boats P and Q start towards each other from two places, 300 km apart. The speed of the boat P and Q in still water is 32 km/h and 28 km/h respectively. If P goes downwards and Q up the stream, they will meet after how many hours?

1. 6 hours
2. 5 hours
3. 8 hours
4. 10 hours
5. 12 hours

Correct Option - 2

Que. 78 Two pipes A and B can fill a cistern in 12 hours and 15 hours respectively. A third pipe C is also there to empty the cistern. If all the pipes working simultaneously can fill the cistern in 10 hours then in how much time the third pipe can empty the cistern?

1. 20 hours
2. 18 hours
3. 30 hours
4. 5 hours

5. 14 hours

Correct Option - 1

Que. 79 If the difference between simple interest and compound interest on the same sum at 7% per annum for 2 years is Rs 24.5 then find principal amount.

1. Rs 5000
2. Rs 10000
3. Rs 15000
4. Rs 12500
5. Rs 18500

Correct Option - 1

Que. 80 After selling a saree for Rs. 3360 a shopkeeper suffers a loss of 16%. If he wants to earn 15% profit after giving the discount of 8%, what will be the marked price of the saree?

1. Rs. 4800
2. Rs. 5000
3. Rs. 5500
4. Rs. 4000
5. Rs. 4600

Correct Option - 2

Que. 81 Who among the following has been elected as the new prime minister of Pakistan?

1. Shah Mahmood Qureshi
2. Chaudhari Nisar
3. Shehbaz Sharif
4. Maryam Nawaz
5. Rafiq Tarar

Correct Option - 3

Que. 82 Mahatma Gandhi Setu bridge is in which state of India?

1. Gujarat
2. Maharashtra
3. West Bengal
4. Uttrakhand
5. Bihar

Correct Option - 5

Que. 83 After defeating which country, India made history by winning its first - ever title in Thomas Cup 2022?

1. Indonesia
2. Denmark
3. Japan
4. Malaysia
5. None of the above

Correct Option - 1

Que. 84 What is the name of portal recently launched by Prime Minister to act as a single platform for loan application and processing of various Governments' credit-linked schemes?

1. Umang Loan Portal
2. Utsav Samarth portal
3. Uttam Samarth portal
4. Mann Samarth portal
5. Jan Samarth portal

Correct Option - 5

Que. 85 Which of the following has announced the launch of a revamped Ayushman Bharat Health Account (ABHA) mobile app?

1. National Health Authority
2. Indian Institute of Health Management Research
3. Indian Red Cross Society
4. Public Health Foundation of India
5. NITI Ayogy

Correct Option - 1

Que. 86 In April 2022, who amongst the following was appointed as the new foreign secretary of India?

1. Harsh Vardhan Shringla
2. Vinay Mohan Kwatra
3. Gaitri Issar Kumar
4. Ruchira Kamboj
5. Other than these options

Correct Option - 2

Que. 87 Dhanu Yatra is held in which state?

1. Bihar
2. Uttar Pradesh
3. Odisha
4. Assam
5. Rajasthan

Correct Option - 3

Que. 88 Recently "the Quad member countries have accepted India's position on the crisis in Ukraine". Which of the following countries is not a member of Quad Country?

1. India
2. Brazil
3. Japan
4. Australia
5. USA

Correct Option - 2

Que. 89

India's Accredited Social Health Activist (ASHAs) are among the six recipients of the WHO Director-General's Global Health Leaders Award. The award was given at _____ World Health Assembly on 22 May 2022.

1. 73rd
2. 75th
3. 85th
4. 70th
5. 79th

Correct Option - 4

Que. 90 Which of the following initiatives was recently launched by the Airport Authority of India (AAI) to encourage local women led SHGs by providing them with the right opportunities?

1. Airport as Venue for Skilled Women's of the Region
2. Airport as Venture for Skilled Artisans of the Region
3. Airport as Venture for Skilled Women's of the Region
4. Airport as Venue for Skilled Artisans of the Region
5. Other than these options

Correct Option - 4

Que. 91 Who has been appointed new Lieutenant Governor of Delhi in May 2022?

1. Vinai Kumar Saxena
2. Satyapal Malik
3. Rakesh Asthana
4. Neeraj Thakur
5. Anil Baijal

Correct Option - 1

Que. 92 Who among the followings has been appointed as India's Chief Economic Advisor in January 2022?

1. V. Anantha Nageswaran
2. Dr Shankar Acharya
3. Gita Gopinath
4. Jaithirth Rao
5. Pradeep Kumar Rawat

Correct Option - 1

Que. 93 National Unity Day 2022 will mark the ____ Birth Anniversary of Sardar Vallabhbhai Patel?

1. 144th
2. 145th
3. 146th
4. 147th
5. 143th

Correct Option - 4

Que. 94

In May, the then Vice-President M. Venkaiah Naidu unveiled a 16-foot tall bronze statue of which former Chief Minister of Tamil Nadu?

1. Edappadi K. Palaniswami
2. O. Panneerselvam
3. Salem
4. J. Jayalalithaa
5. M. Karunanidhi

Correct Option - 5

Que. 95 Prime Minister's Employment Generation Programme (PMEGP) is a credit-linked subsidy programme launched in 2008 by which Ministry?

1. Ministry of Agriculture & Farmers Welfare
2. Ministry of Commerce and Industry
3. Ministry of Rural Development
4. Ministry of Micro, Small and Medium Enterprises
5. Ministry of Culture

Correct Option - 4

Que. 96 Who has been conferred with Royal Gold Medal 2022 by the Royal Institute of British Architects (RIBA), the world's highest honor for architecture?

1. Raj Rewal
2. B.V. Doshi
3. Mani Ratnam
4. P. C. Sreeram
5. None of these

Correct Option - 2

Que. 97 What is money laundering?

1. Any person who is knowingly involved or assists
2. Any activity connected with proceeds of crime
3. Shall be guilty of offence of money laundering
4. The concealment of the origins of illegally obtained money, typically by means of transfers involving foreign banks or legitimate businesses.
5. None of these

Correct Option - 4

Que. 98 In May 2022, Prime Minister has inaugurated World's first Nano Urea (Liquid) Plant constructed at Indian Farmers Fertilizer Cooperative Ltd (IFFCO) at _____.

1. Dewas
2. Kalol
3. Raver
4. Chennai
5. Surat

Correct Option - 2

Que. 99 Who among the following army officers has become Chief of the Army Staff in April 2022?

1. SS Mahal
2. Upendra Dwivedi
3. Rana Pratap Kalita
4. Manoj Pande
5. Pradip Shah

Correct Option - 4

Que. 100 Who is the director general of World Health Organisation??

1. Margaret Chan
2. Roberto Azevedo
3. Christine Lagarde
4. Tedros Adhanom Ghebreyesus
5. Lee Jong Wook

Correct Option - 4

Que. 101 Which of the following American Presidents completed two terms as President?

1. Donald Trump
2. Jimmy Carter
3. Abraham Lincoln
4. John Adams
5. Barack Obama

Correct Option - 5

Que. 102 Which of the following statements is *not* correct with respect to the Deen Dayal Antyodaya Yojana - National Livelihoods Mission (NRLM)?

1. It was launched by the Ministry of Rural Development (MoRD)
2. It is a restructured version of Swarna Jayanti Gram Swarozgar Yojna (SGSY).
3. It aims at poverty reduction through building strong institutions of the poor, particularly women.
4. It does not provide financial support to the beneficiaries
5. RBI has raised the limit for collateral-free loans to Self-Help Groups under the scheme from Rs. 10 lakhs to Rs. 20 Lakhs.

Correct Option - 4

Que. 103 Choose the new savings scheme introduced for girl child from the following:

1. Suraksha Samridhi Yojana
2. Sukanya Samridhi Yojana
3. Sukanya Bima Yojana
4. Suraksha Bima Yojana
5. Sampriti Bima Yojana

Correct Option - 2

Que. 104 Vigilance Awareness Week is observed every year during the last week of October due to the birth anniversary of which freedom fighter?

1. Subhash Chandra Bose

2. Bal Gangadhar Tilak
3. Dadabhai Naoroji
4. Sardar Vallabhbhai Patel
5. Lala Lajpat Rai

Correct Option - 4

Que. 105 In April 2022, who amongst the following has taken charge as India's new envoy to Ukraine?

1. Tarun Kumawat
2. Partha Satpathy
3. Harsh Kumar Jain
4. Arun Singh
5. Prashant Pathak

Correct Option - 3

Que. 106 India defeated Japan to win bronze at the Men's Hockey Asia Cup 2022 held at

1. Tokyo
2. Dhaka
3. Bangkok
4. Tehran
5. Jakarta

Correct Option - 5

Que. 107 Which of the following countries is **not** a member of NATO?

1. United Kingdom
2. Ukraine
3. France
4. USA
5. Poland

Correct Option - 2

Que. 108 TSX is a stock exchange located in Canada. What does T stand for in TSX?

1. Tallinn
2. Transaction
3. Tripoli
4. Toledo
5. Toronto

Correct Option - 5

Que. 109 Which city has announced to host the Summer Olympic Games 2028 in July 2028?

1. New York
2. London
3. Shanghai
4. Los Angeles
5. Paris

Correct Option - 4

Que. 110 Which of the following is a scheme for Senior Citizens of India?

1. Atmanirbhar Bharat Abhiyaan
2. Pradhan Mantri Jan Dhan Yojana
3. Samartha Scheme
4. Pradhan Mantri Poshan Shakti Nirman
5. Pradhan Mantri Vaya Vandana Yojana

Correct Option - 5

Que. 111 In January, the Tonga volcano eruption destroyed the uninhabited island of Hunga Tonga Ha'apai and is now officially the largest explosive eruption of the 21st century. This volcano is present in which ocean?

1. Indian Ocean
2. Arctic Ocean
3. Atlantic Ocean
4. North Pacific Ocean
5. South Pacific Ocean

Correct Option - 5

Que. 112 As per the report of National Family Health Survey, India's total fertility rate (TFR) has declined from 2.2 children in 2015-16 to _____ children per woman in 2022.

1. 1.5
2. 1.8
3. 2.0
4. 0.8
5. 2.2

Correct Option - 3

Que. 113 What is the maximum age for giving pre-education to children under article 45 of the Indian Constitution?

1. 14 years
2. 12 years
3. 10 years
4. 18 years
5. 22 years

Correct Option - 1

Que. 114 Who is the CEO of Apple?

1. Kinam Kim
2. Timothy Donald Cook
3. Steve Jobs
4. Satya Narayana Nadella
5. Sundar Pichai

Correct Option - 2

Que. 115 Which of the following banks is not a part of Scheduled Commercial Banks?

1. Suryoday Small Finance Bank Limited
2. Kotak Mahindra Bank Ltd
3. Fino Payments Bank
4. Kerala Gramin Bank
5. Capital Local Area Bank

Correct Option - 5

Que. 116 The Chief Minister of which of the following states has recently launched 'Indira Gandhi Urban Employment Scheme', a scheme on the lines of the MGNREGA to provide 100 days of employment to families in urban areas.

1. Uttar Pradesh
2. Madhya Pradesh
3. Rajasthan
4. Maharashtra
5. Bihar

Correct Option - 3

Que. 117 Which of the following statements regarding eligibility for the selection to the post of President of India is INCORRECT?

1. (S)he must have completed the age of 35 years
2. (S)he should be a citizen of India
3. (S)he should be qualified for the election as a member of the Lok Sabha
4. (S)he should be a Graduate
5. (S)he must not hold any office of profit under the government of India or the Government of any State

Correct Option - 4

Que. 118 Which of the following statements is true about Know Your Customer (KYC) regulations?

1. KYC means Know Your Customer
2. It was introduced under Prevention of Money Laundering Act
3. KYC process includes ID card verification, face verification, document verification such as utility bills as proof of address, and biometric verification.
4. Banks must comply with KYC regulations and anti-money laundering regulations to limit fraud.
5. All are true

Correct Option - 5

Que. 119 What is the name of the India's first passenger drone, unveiled by PM Narendra Modi on 20 July 2022?

1. Varuna
2. Jataayu
3. Saaras
4. Pawan
5. None of the above

Correct Option - 1

Que. 120 Who got the Best Supporting actor award in the 68th National Film Awards 2022?

1. Siddhant Chaturvedi
2. Piyush Mishra
3. Biju Menon
4. Deepak Dobriyal
5. Pankaj Tripathi

Correct Option - 3

Que. 121 Read the following passage and answer the questions given below. Some words may be highlighted. Pay attention.

After the pandemic caused shortages of **essential** items, Russia's invasion of Ukraine has disrupted important food supplies, driving up prices of staples like cooking oil in supermarkets around the world. Before the war, Ukraine was the world's largest exporter of sunflower oil. The conflict has now paralyzed harvests and left many nations with limited stocks of edible oil and soaring prices for what's left. The United Nations has also warned that Russia's invasion of Ukraine could soon cause a global food **crisis** that may last for years.

Edible oil prices had gone up in the following months after Russian President Vladimir Putin launched a "Special military operation" in Ukraine. However, after five months, in continuation to the global price reduction and the government's effort to pass on the benefits of reduced edible oil prices to consumers has given temporary relief to the common man.

Ukraine and Russia have been the major suppliers of sunflower oil. Between November 2020 and October 2021, India imported a total of 18.93 lakh tonnes of crude sunflower oil; of this Ukraine exported 13.97 lakh tonnes and Russia exported 2.22 lakh tonnes of sunflower oil to India. With the **ongoing** Russia-Ukraine crisis, the demand and supply chain of sunflower oil has been impacted. As a result, edible oil companies are now looking at options to import edible oil from other countries. They have also **put forward** the proposal of the usage of other cooking oils such as palm oil and groundnut oil so that the retail prices do not increase.

Weather woes across the world's major producers of edible oils are adding to fears of shortages. Dryness has foreshortened the size of soybean harvests in South America, the world's biggest producer, and drought in Canada shrank production of canola, leaving little available supply.

While limited supply and soaring prices are set to worsen inflation of food items like salad dressing and mayonnaise in wealthy economies like the U.S., developing nations like India are set to feel the worst impacts. Such countries depend on imports of palm oil as a cheaper alternative to more costly soybean, sunflower and canola oil.

Who has/have proposed usage of other cooking oils like palm oil and groundnut oil to keep the retail price in check?

1. Russia
2. Ukraine
3. The edible oil companies
4. South America
5. The Government of India

Correct Option - 3

Que. 122 Which country/countries are likely to have worst impact of the inflation of food items, according to the article?

1. Wealthy countries
2. Developing countries
3. Russia
4. Ukraine
5. None of these

Correct Option - 2

Que. 123 What made companies of edible oils look towards other countries as a import source?

1. Covid-19 Pandemic
2. Disruption in the supply chain by the war
3. Disruption in the production due to adverse weather
4. Offer of reduced price by other contries
5. UN Warning

Correct Option - 2

Que. 124 Which oil acts as alternative to other costly edible oils in the countries like the U.S. and India?

1. Palm oil
2. Sunflower oil
3. Canola oil
4. Olive oil
5. Soybean oil

Correct Option - 1

Que. 125 Which country has supplied highest amount of sunflower oil to India between November 2020 and October 2021?

1. Both Ukraine and Russia
2. Canada
3. U.S.
4. Russia
5. Ukraine

Correct Option - 5

Que. 126 What might cause a global food crisis according to the UN?

1. Covid-19 Pandemic
2. Drastic weather changes
3. The proposal by the edible oil companies
4. Russia's invasion of Ukraine
5. None of the above

Correct Option - 4

Que. 127 Find the synonym of the following word: **Crisis**.

1. windfall
2. boon
3. godsend
4. pulchritude
5. plight

Correct Option - 5

Que. 128 Which of the given words is an antonym of **ongoing**?

1. occurring
2. extant
3. finished
4. current
5. happening

Correct Option - 3

Que. 129 What is the meaning of the phrasal verb **put forward**?

1. submit
2. propose
3. stay for some time
4. stretch out
5. postpone

Correct Option - 2

Que. 130 Which of the given words is not a synonym of **essential**?

1. vestal
2. necessary
3. crucial
4. indispensable
5. vital

Correct Option - 1

Que. 131 **Directions: Pick out the most effective form of the word from the given options to fill in the blanks to make the sentence meaningfully complete.**

According to brokers, a _____ trend in Asia accelerates buying activity in the _____ market.

1. firmly, domestic
2. firm, domestic
3. firm, domestics
4. firms, domestically
5. firmed, domesticate

Correct Option - 2

Que. 132 **Directions: The following question has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits in the context of the sentence.**

The pandemic _____ a range of new _____ needs, particularly around liquidity, for many retail and business customers.

1. triggers, financially
2. triggering, financial
3. trigger, financing
4. triggered, finances
5. triggered, financial

Correct Option - 5

Que. 133 Directions: Pick out the most effective form of the word from the given options to fill in the blanks to make the sentence meaningfully complete.

Emerging-market banks will _____ see a _____ increase in credit losses in 2020.

1. likes, sharps
2. likely, sharp
3. liking, sharpening
4. likely, sharpen
5. like, sharp

Correct Option - 2

Que. 134 Pick out the most effective form of the word from the given options to fill in the blanks to make the sentence meaningfully complete.

The agitators, however, were unhappy with the verbal _____ as they were expecting a written _____ from an officer.

1. Assure, apology
2. Assuring, apologizing
3. Assurance, apology
4. Assured, apologetic
5. Assurances, apology

Correct Option - 3

Que. 135 Directions: Pick out the most effective form of the word from the given options to fill in the blanks to make the sentence meaningfully complete.

Interest to serve the merchants has been _____ since digitization _____ at the merchant's end.

1. grown, started
2. growing, started
3. grow, started
4. growing, starting
5. grows, started

Correct Option - 2

Que. 136 Directions: Pick out the most effective form of the word from the given options to fill in the blanks to make the sentence meaningfully complete.

Companies _____ work from home hours to _____ personal time.

1. sets, protected
2. set, protecting
3. set, protect
4. setting, protect
5. set, protects

Correct Option - 3

Que. 137 Read the sentence below to find out if there is any error in it. The error, if any, will be in one part of the sentence. The letter of that part is the answer. If there is no error the answer is (5). (Ignore errors in punctuation if any)

Wuhan Institute of Virology, a leading (A)/coronavirus research center, (B)/is responsible for introducing a new (C)/ coronavirus that it was secret creating in its laboratories. (D)/No

error (E)

1. A
2. B
3. C
4. D
5. E

Correct Option - 4

Que. 138 Read the sentence below to find out if there is any error in it. The error, if any, will be in one part of the sentence. The letter of that part is the answer. If there is no error the answer is (5). (Ignore errors in punctuation if any).

Ahead of a more anticipated (A)/Cabinet reshuffle, the Rashtrapati Bhavan (B)/on Tuesday announced a (C)/slew of gubernatorial appointments. (D)/ No error (E)

1. A
2. B
3. C
4. D
5. E

Correct Option - 1

Que. 139 Read the sentence below to find out if there is any error in it. The error, if any, will be in one part of the sentence. The letter of that part is the answer. If there is no error the answer is (5). (Ignore errors in punctuation if any)

The jurisdiction of the KRMB covering (A)/ all off takes of irrigation and power on (B)/ common reservoirs to stop indiscriminate (C)/ draw sole for power generation by Telangana. (D) /No Error (E)

1. A
2. B
3. C
4. D
5. E

Correct Option - 4

Que. 140 In this question, a sentence has been divided into four parts (A), (B), (C) and (D). Read the sentence to find out whether there is any grammatical error in it. The error if any, will be in one part of the sentence. Mark that part as your answer. If there is no error, the answer is 'No error'. Ignore the error of punctuation if any.

Among those eligible includes (A)/ all employees who was employed (B)/ at the district on or before Jan. 25, 2022 (C)/ and had completed a contract for 2021-2022. (D)/ No error (E)

1. A
2. B
3. C
4. D
5. E

Correct Option - 2

Que. 141

In the following sentence, some parts have errors and some are correct. Find out which part has an error and mark it as your answer. if there is no error mark 'option E'

If the bus (A)/ will not get the signal, it will not leave the stand. (B)/ The bus needs to be ready for departure and (C)/ there should not be any problems in the journey. (D)/ No error (E)

1. A
2. B
3. C
4. D
5. E

Correct Option - 2

Que. 142 Directions: In the following sentence, one part of the sentence has an error and other parts are correct. Find out which part has an error and mark it as your answer. If there is no error, mark 'No error' as your answer. Ignore the error of punctuation, if any.

When her husband saw Madhuri body, (A)/ upside down in the water, he got scared;(B)/ he thought suddenly, it was because of him and (C)/ a spurt of triumph went through him.(D)/ No error/

1. A
2. B
3. C
4. D
5. No error

Correct Option - 1

Que. 143 Directions: In the following sentence, one part of the sentence has an error and other parts are correct. Find out which part has an error and mark it as your answer. If there is no error, mark 'No error' as your answer.

Assembling a team that will almost certainly be (A)/ defeated—that will face bigger, stronger, more (B)/ talented competition, weeks after weeks—verges (C)/ on the morally macabre. (D)/

1. A
2. B
3. C
4. D
5. No error

Correct Option - 3

Que. 144 Directions: In the following sentence, five words are given in bold, out of which one word is misspelled. Find the misspelled word.

The **operative**(A) constitutional principle in social **behaviour**(B) should be the **promotion**(C) of **equality**(D) and **fratarnity**(E).

1. A
2. B
3. C
4. D
5. E

Correct Option - 5

Que. 145

Directions: In the following sentence, five words are given in bold, out of which one word is misspelled. Find the misspelled word.

A constitutional **authority(A)** cannot **circumvent(B)** a **provision(C)** of the Constitution by taking **advantage(D)** of an **ommision(E)**.

1. A
2. B
3. C
4. D
5. E

Correct Option - 5

Que. 146 **Directions: In the following sentence, five words are given in bold, out of which one word is misspelled. Find the misspelled word.**

The scope of the HRD Ministry with **reference(A)** to **language(B)** extends to **education(C)** and the **promotion(D)** of cultural **expression(E)**.

1. A
2. B
3. C
4. D
5. E

Correct Option - 1

Que. 147 **Directions: In the following sentence, five words are given in bold, out of which one word is misspelled. Find the misspelled word.**

We are **moraly(A)** and **politically(B)** **entitled(C)** to ask if the dream of Marine Le Pen has become that of a **significant(D)** portion of the French **population(E)**?

1. A
2. B
3. C
4. D
5. E

Correct Option - 1

Que. 148 **Directions: In the following sentence, five words are given in bold, out of which one word is misspelled. Find the misspelled word.**

The **spewing(A)** of hatred by **inflamatory(B)** words and any **abetting(C)** of those by elements in power **belittle(D)** the Constitution and **betray(E)** the people of India.

1. A
2. B
3. C
4. D
5. E

Correct Option - 2

Que. 149 **The following sentences form a paragraph. The sentences are numbered as P, Q, R, S and T. These sentences are not given in their proper order. Read the sentences and choose the alternative that arranges them in the correct order.**

P- Both clinics are considered rural family medicine clinics. Out of the 170 patients enrolled in the health management program 115 patients were included in the study.

Q- Durant is a town of just over 15,000 as of the 2010 census.

R- Data was obtained through chart review of two clinics in Durant, Oklahoma.

S- There was no significant reduction in the office visit rates seen over the same time period.

T- The Data showed that over a period of seven months there was a significant reduction of patients going to the hospital for admission. A reduction of 50% was demonstrated with a significant p-value of 0.025896.

1. RSTQP
2. TSPQR
3. RPSTQ
4. RQPTS
5. STRPQ

Correct Option - 4

Que. 150 The following sentences form a paragraph. The sentences are numbered as P, Q, R, S and T. These sentences are not given in their proper order. Read the sentences and choose the alternative that arranges them in the correct order.

P- It is so important to get help as fast as you can it can make a difference with speech there are memory exercises that can be of great benefit.

Q- It is very important that the client gets as much help as they can get, speech therapy plenty of exercises but above all keep their dignity,

R- some examples of this would always make eye contact make sure the client can hear and see you always tell them who you are and what will be happening you may have to repeat this many times and speak slow clear and calm.

S- Picks is very hard to diagnose it is sometimes mistaken for depression it has some of the symptoms of depression e.g. mood swings, no attention span, lack of hygiene overeating or not eating properly,

T- The loss of speech and understand when trying to communicate can be very upsetting for the client which leads to aggression impatience and frustration.

1. TRQPS
2. STQRP
3. PRSTQ
4. RSTQP
5. SRTPQ

Correct Option - 2

Que. 151 Directions: In the following question, sentences of a paragraph have been jumbled and have been labelled as A, B, C, D and E. You are required to rearrange the jumbled sentences accordingly by selecting the correct option.

A: The sonification revisits the actual sound waves discovered in data from NASA's Chandra X-ray Observatory.

B: The popular misconception that there is no sound in space originates from the fact that most of the space is essentially a vacuum, providing no medium for sound waves to propagate through.

C: Since 2003, the black hole at the centre of the Perseus galaxy cluster has been associated with sound.

D: Now a new sonification brings more notes to this black hole.

E: This is because astronomers discovered that pressure waves sent out by the black hole caused ripples in the cluster's hot gas that could be translated into a sound note — one that humans cannot hear.

1. ABCDE
2. ECADB

3. BCADE
4. CDABE
5. CEDAB

Correct Option - 5

Que. 152 Directions: In the following question, sentences of a paragraph have been jumbled and have been labelled as A, B, C, D and E. You are required to rearrange the jumbled sentences accordingly by selecting the correct option.

A: At the root of all political corruption is electoral funding, it began in India with the first general election in 1952.

B: So, it has remained for five crucial years since, while a new national government and two-dozen state governments

C: have been elected, toppled, re-elected and so on.

D: Finally, on 1 April 2017, it was legalised with the Union Budget taking effect.

E: Three generations of the wisest Indians failed to defeat it over 65 years.

1. EABDC
2. AEDBC
3. EADBC
4. EDCBA
5. BCDEA

Correct Option - 2

Que. 153 Directions: In the following question, sentences of a paragraph have been jumbled and have been labelled as A, B, C, D and E. You are required to rearrange the jumbled sentences accordingly by selecting the correct option.

A: Responding to PM Modi, Russian President Vladimir Putin said that he knows about India's position on the Ukraine conflict and "we want all of this to end as soon as possible".

B: American publication -CNN praised PM Modi's hold on world politics and reported "Indian leader Narendra Modi tells Putin: Now is not the time for war".

C: Prime Minister Narendra Modi's advice to Russian President Vladimir Putin over the Ukraine war during a bilateral meeting

D: International media praised PM Modi's diplomatic acumen, who in a friendly tone pushed the concerns of the global community to its long-standing friend Russia.

E: on the sidelines of the Shanghai Cooperation Organization's summit in Uzbekistan's Samarkand has grabbed the attention of leading international media organisations.

1. ACBDE
2. DCABE
3. CEDBA
4. DAEBE
5. AEBDC

Correct Option - 3

Que. 154 Directions: In the following question, sentences of a paragraph have been jumbled and have been labelled as A, B, C, D and E. You are required to rearrange the jumbled sentences accordingly by selecting the correct option.

A: A former Chinese diplomat, Zhang said the main agenda for the SCO now is how to promote peace, security, development and prosperity.

B: including China — said SCO secretary general Zhang Ming, also highlighting that the multilateral body was expected to expand during India’s chairmanship.

C: The SCO was founded in Shanghai in 2001 and currently has eight permanent members — China, Russia, India, Pakistan, Uzbekistan, Kyrgyzstan, Kazakhstan, and Tajikistan.

D: India, which took over the chairmanship of the China-led Shanghai Cooperation Organisation (SCO) from Uzbekistan in September 2022, will be supported by all member countries,

E: India became a full member of the SCO in 2017 and this is the first time ever that the country has taken over the chairmanship of the multilateral body.

1. ABDCE
2. EDCBA
3. ECBDA
4. DBECA
5. DCBEA

Correct Option - 4

Que. 155 Directions: In the following question, sentences of a paragraph have been jumbled and have been labelled as A, B, C, D and E. You are required to rearrange the jumbled sentences accordingly by selecting the correct option.

A: This coincided with the price of India’s crude oil basket rising to \$126.36 per barrel, its highest level since July 2008, according to data from the Petroleum Planning and Analysis Cell.

B: In March, the Rupee fell low against the US dollar, at 77.01.

C: The popular perception is that a falling currency is just bad news for an economy.

D: A weakening rupee benefits a country’s exports as exporters get more value for the same amount of goods that they export in dollars.

E: In the Indian context, this isn’t so, there are several pros and cons.

1. BACED
2. DABCE
3. AEBDC
4. BCADE
5. CBDEA

Correct Option - 1

Que. 156 Comprehension (Total Questions 5):-

In the following passage, some words have been left out. Read the passage carefully and select the correct answer for the given blank out of the given alternatives.

Despite all the global headwinds, talks of inflation, and recession the Indian markets have seen (1) _____ **revitalized** energy. The past couple of months have been encouraging. In the month of July Sensex gained 9.4%, whereas August witnessed gains of 1.5%.

The market in the short term primarily gets (2) _____ **untouched** by either facts or noise. The facts for obvious reasons act as a stronger indicator of the sustainability of a trend. Thus, it becomes important to understand what it is that is driving the market.

There have been a lot of talks about the de-coupling of India from the West. The opinion is that India will (3) _____ **continue** to witness growth despite the underperformance of its Western peers. But if we look through history the GDP growth rate of India and the USA have been (4) _____ **insufficiently** in line with each other, (5) _____ **sketching** any downward movement in the USA economy will have its trickle-down impact on India too.

Which of the following words refers to the blank labelled as (1)?

1. rescued

2. renewed
3. rectified
4. declining
5. misleading

Correct Option - 2

Que. 157 Which of the following words refers to the blank labelled as (2)?

1. unmoved
2. demonstrated
3. influenced
4. jaded
5. mandated

Correct Option - 3

Que. 158 Which of the following words refers to the blank labelled as (3)?

1. carry on
2. break down
3. bear away
4. call up
5. draw on

Correct Option - 1

Que. 159 Which of the following words refers to the blank labelled as (4)?

1. inefficiently
2. quickly
3. abruptly
4. freely
5. fairly

Correct Option - 5

Que. 160 Which of the following words refers to the blank labelled as (5)?

1. Starving
2. Depicting
3. Decoupling
4. Barricading
5. Changing

Correct Option - 2

Que. 161 First web browser was created by _____?

1. Tim Berners lee
2. Mozilla Foundation
3. Jacobs
4. Marc Andreessen
5. Alan Turing

Correct Option - 1

Que. 162 Which of the following is not an output device?

1. Flat screen
2. Scanner
3. LCD
4. Plotter
5. None of the above

Correct Option - 2

Que. 163 The deleted mail in Gmail account goes in which folder?

1. Trash
2. Spam
3. Draft
4. Receipts
5. Starred

Correct Option - 1

Que. 164 Which of the following is used with the intention of extorting money from its owner?

1. Ransomware
2. Malware
3. Spyware
4. Adware
5. None of these

Correct Option - 1

Que. 165 Which out of the following is NOT a valid cell reference in an Excel spreadsheet?

1. CA20
2. C20
3. CA#20
4. CA\$20
5. All are valid

Correct Option - 3

Que. 166 When you connect to this service your computer is communicating with a server at your Internet Service Provider (ISP) What does this refer to?

1. Modem
2. Internet
3. Intranet
4. Server
5. None of Above

Correct Option - 2

Que. 167 What happens when you open a folder in Windows 10 OS and press the CTRL+A key?

1. All files except sub-folders of the current folder are selected.
2. All subfolders except files in the current folder are selected.
3. All files and sub-folders in the current folder are selected.
4. Only the first 10 files and sub-folders of the current folder are selected.
5. Switches between open apps

Correct Option - 3

Que. 168 What is the keyboard shortcut for 'Undo' function?

1. Ctrl + Z
2. Ctrl + V
3. Ctrl + C
4. Ctrl + U
5. Ctrl + N

Correct Option - 1

Que. 169 Which one of the following keys is used to minimize the active window?

1. Windows Logo Key + Home Key
2. Windows Logo Key + Spacebar Key
3. Windows Logo Key + Up Arrow Key
4. Windows Logo Key + Down Arrow key
5. Windows Logo Key + Enter key

Correct Option - 4

Que. 170 In MS Excel 2010, the shortcut key to apply or remove strikethrough is:

1. Ctrl+3
2. Ctrl+5
3. Ctrl+2
4. Ctrl+4
5. Ctrl+9

Correct Option - 2

Que. 171 Name the feature that commands the word processor to align all the text to fit within the defined margins.

1. Auto correct
2. Auto text
3. Auto format
4. Sort
5. Word wrap

Correct Option - 5

Que. 172 VGA is :

1. Volatile Graphics Array
2. Video Graphics Adapter
3. Video Graphics Array
4. Visual Graphics Array

5. Video Graphic Array

Correct Option - 3

Que. 173 Which is a permanent storage device ?

1. floppy disk
2. monitor
3. RAM
4. hard disk
5. None of the above

Correct Option - 4

Que. 174 A software interrupt is also called as a/an _____.

1. trap
2. query
3. interrupt handler
4. trigger
5. None of the above

Correct Option - 1

Que. 175 In power point, Themes could be found under-

1. Transition tab
2. Design tab
3. Insert tab
4. Animation tab
5. None of the above

Correct Option - 2

Que. 176 An operating system enables a person to communicate with a computer through the use of symbols, icons, visual metaphors and pointing devices. In which of the following will it be classified?

1. Graphical User Interface
2. Line Command Interface
3. Black User Interface
4. Tap User Interface
5. None of these

Correct Option - 1

Que. 177 MAC address is a _____ bit number.

1. 24
2. 36
3. 48
4. 42
5. 38

Correct Option - 3

Que. 178 Which device converts, a decimal input number to binary

1. accumulator:
2. encoder
3. ALU
4. memory
5. None of these

Correct Option - 2

Que. 179 Which option in excel, allows users to bring together copies of workbooks that other users have worked on independently.

1. Copying
2. Merging
3. Pasting
4. Compiling
5. None of these

Correct Option - 2

Que. 180 In a HTML page, apart from tag which of the following make the text bold?

1. <fat>
2.
3. <emp>
4. <thick>
5. None of the above

Correct Option - 2

Que. 181 In which year was Windows 7 launched?

1. 24 October 2011
2. 22 October 2009
3. 21 October 2009
4. 22 September 2009
5. 22 October 2008

Correct Option - 2

Que. 182 What is the Hexadecimal equivalent of 160?

1. 0A
2. AA
3. A0
4. A5
5. B0

Correct Option - 3

Que. 183 1 Petabyte (PB) = 1024 _____.

1. Zettabytes (ZB)
2. Exabytes (EB)
3. Terabytes (TB)

4. Gigabytes (GB)
5. None of these

Correct Option - 3

Que. 184 Why is the Caps Lock Key referred to as toggle key?

1. Because it changes its status on pressing the key
2. Because it cannot be used for entering numbers
3. Because it can be used to insert
4. Because it cannot be used to insert
5. None of the above

Correct Option - 1

Que. 185 What is the shortcut key for the central alignment of a line or text in MS Office software?

1. Ctrl+E
2. Ctrl+A
3. Ctrl+G
4. Ctrl+C
5. Ctrl + D

Correct Option - 1

Que. 186 Windows 95 is an example of which type of operating system?

1. Single-User Operating System
2. Multi-User Operating System
3. Real-Time Operating System
4. Distributed Operating System
5. Multi processing Operating system

Correct Option - 1

Que. 187 What is the maximum limit of available worksheet functions in MS Excel?

1. 141
2. 231
3. 341
4. 421
5. 561

Correct Option - 3

Que. 188 All formulas in MS Excel start with

1. %
2. +
3. =
4. -
5. None of the above

Correct Option - 3

Que. 189 Which of the following is not the main function of the operating system?

1. Memory Management
2. Device Management
3. Network Management
4. Malware Protection
5. None of these

Correct Option - 4

Que. 190 Which of the following is a method of accessing fixed internet for home or office?

1. Public Wi-Fi
2. Mobile broadband
3. Digital subscriber line
4. Private Wi-Fi
5. None of the above

Correct Option - 3

Que. 191 Integrated Circuits were used in which generation computer?

1. First Generation
2. Second Generation
3. Third Generation
4. Fourth Generation
5. Fifth Generation

Correct Option - 3

Que. 192 What is the function of a modem?

1. Encryption and Decryption
2. Converts data to voice and vice-versa
3. Convert analog signals to digital and vice-versa
4. Serves as a hardware anti-virus
5. None of these

Correct Option - 3

Que. 193 Which of the following is a server acts as an intermediary between a workstation user and the Internet so that the enterprise can ensure security?

1. Proxy Server
2. Gateway
3. Kerberos
4. DMZ
5. None of the above

Correct Option - 1

Que. 194 What is the full form of DHCP in networking system?

1. Data Host Configuration Protocol
2. Dynamic Host Control Point
3. Data Host Control Panel

4. Display House Control Protocol
5. Dynamic Host Configuration Protocol

Correct Option - 5

Que. 195 The system of 32 bit number IP addressing is known as

1. IPv2
2. IPv4
3. IPv6
4. IPv8
5. IPv7

Correct Option - 2

Que. 196 Which of the following is a standard internet protocol used for transmitting the files from one computer to another computer connected to the internet?

1. SMTP
2. FTP
3. TELNET
4. HTTP
5. HTTPS

Correct Option - 2

Que. 197 Which among the following is NOT a search engine in the internet ?

1. Archie
2. Google
3. Nexus
4. Microsoft Bing
5. Yahoo!.

Correct Option - 3

Que. 198 ICMP is a network layer protocol used by network devices to diagnose network communication issues, what does ICMP stand for ?

1. Internet control manage Process
2. Internet comfort mass Protocol
3. Information control manage Protocol
4. Internet Control Message Protocol
5. None of These

Correct Option - 4

Que. 199 Which of the following is the full form of 'BCC', a field of E-mail header?

1. Basic carbon copy
2. Blind carbon copy
3. Basic common copy
4. Blind common copy
5. Black common copy

Correct Option - 2

Que. 200 Which of the following types of internet service does NOT require cable or phone lines?

1. ISDN
2. DSL
3. Satellite
4. Dial up
5. All of the above

Correct Option - 3



testbook

200 Questions

Que. 1 Correct Option - 1

Nine persons: J, K, L, M, N, O, P, Q, R

Faces both directions North and South.

- 1) J sits 4th from one of the extreme ends.
- 2) K sits 5th to the right of J.
- 3) Two persons sit between K and N and both K and N are facing towards the north.
- 4) One person sits between N and P, who sits to the immediate left of Q.

Case - 1



Case - 2



- 5) R sits third to the right of P, who faces south.
- 6) O sits to the immediate left of both L and J.
- 7) M and R face the same direction.

Case - 1



Clearly, R sits immediate right of J.

Que. 2 Correct Option - 4

Nine persons: J, K, L, M, N, O, P, Q, R

Faces both directions North and South.

- 1) J sits 4th from one of the extreme ends.
- 2) K sits 5th to the right of J.
- 3) Two persons sit between K and N and both K and N are facing towards the north.
- 4) One person sits between N and P, who sits to the immediate left of Q.

Case - 1

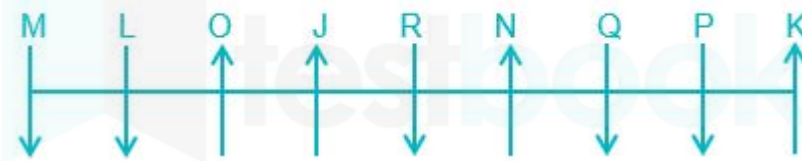


Case - 2



- 5) R sits third to the right of P, who faces south.
- 6) O sits to the immediate left of both L and J.
- 7) M and R face the same direction.

Case - 1



Clearly, all except K are facing south direction.

Que. 3 Correct Option - 3

Nine persons: J, K, L, M, N, O, P, Q, R

Faces both directions North and South.

- 1) J sits 4th from one of the extreme ends.
- 2) K sits 5th to the right of J.
- 3) Two persons sit between K and N and both K and N are facing towards the north.
- 4) One person sits between N and P, who sits to the immediate left of Q.

Case - 1



Case - 2



- 5) R sits third to the right of P, who faces south.
- 6) O sits to the immediate left of both L and J.
- 7) M and R face the same direction.

Case - 1



Hence, L sits fourth to the left of N.

Que. 4 Correct Option - 5

Nine persons: J, K, L, M, N, O, P, Q, R

Faces both directions North and South.

- 1) J sits 4th from one of the extreme ends.
- 2) K sits 5th to the right of J.
- 3) Two persons sit between K and N and both K and N are facing towards the north.
- 4) One person sits between N and P, who sits to the immediate left of Q.

Case - 1



Case - 2



- 5) R sits third to the right of P, who faces south.
- 6) O sits to the immediate left of both L and J.
- 7) M and R face the same direction.

Case - 1



Hence, R sits between J and N as well as O and Q.

Que. 5 Correct Option - 3

Nine persons: J, K, L, M, N, O, P, Q, R

Faces both directions North and South.

- 1) J sits 4th from one of the extreme ends.
- 2) K sits 5th to the right of J.
- 3) Two persons sit between K and N and both K and N are facing towards the north.
- 4) One person sits between N and P, who sits to the immediate left of Q.

Case - 1

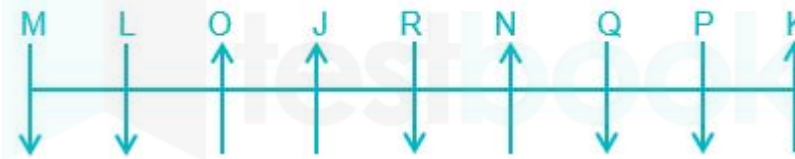


Case - 2



- 5) R sits third to the right of P, who faces south.
- 6) O sits to the immediate left of both L and J.
- 7) M and R face the same direction.

Case - 1



Hence, Number of persons sitting to the right of N is equal to number of persons sitting to the left of J.

Que. 6 Correct Option - 5

Persons: M1, M2, M3, M4, M5, M6 and M7.

- 1. At least three persons score better marks than M5.
- 2. The score of M7 is 37, which is the lowest marks that anyone has scored.
- 3. M2 scores better marks than M4 but not better than that of M5.
- 4. Person, who scored 2nd highest marks, scored 88 marks.
- 5. Neither M1 nor M6 scored 88 marks.

Student	M6/M1	M3	M1/M6	M5	M2	M4	M7
Marks		88					37

Either M6 or M1 scored the highest marks.
Hence, 'Cannot be determined' is the correct answer.

Que. 7 Correct Option - 4

Persons: M1, M2, M3, M4, M5, M6 and M7.

- 1. At least three persons score better marks than M5.
- 2. The score of M7 is 37, which is the lowest marks that anyone has scored.
- 3. M2 scores better marks than M4 but not better than that of M5.
- 4. Person, who scored 2nd highest marks, scored 88 marks.
- 5. Neither M1 nor M6 scored 88 marks.

Student	M6/M1	M3	M1/M6	M5	M2	M4	M7
Marks		88					37

Either M6 or M1 scored the highest marks.
If M2 scores 67 then the arrangement is:

Student	M6/M1	M3	M1/M6	M5	M2	M4	M7
Marks		88			67	55	37

Hence, the possible score of M4 is 55.

Que. 8 Correct Option - 2

Persons: M1, M2, M3, M4, M5, M6 and M7.

1. At least three persons score better marks than M5.
2. The score of M7 is 37, which is the lowest marks that anyone has scored.
3. M2 scores better marks than M4 but not better than that of M5.
4. Person, who scored 2nd highest marks, scored 88 marks.
5. Neither M1 nor M6 scored 88 marks.

Student	M6/M1	M3	M1/M6	M5	M2	M4	M7
Marks		88					37

Either M6 or M1 scored the highest marks.

Hence, three persons score better marks than M5.

Que. 9 Correct Option - 5

Can not be determined.

Que. 10 Correct Option - 3

Let us check the options

- I. $X > N = O \geq S > P \rightarrow N > P$
- II. $X = N \geq O \geq S = P \rightarrow S \leq X$
- III. $X > N \geq O \geq S = P \rightarrow S < X, N \geq P$
- IV. $X > N > O \geq S \geq P \rightarrow N > P$

Hence, the correct sequence of symbols to satisfy the given condition is “>, ≥, =”.

Que. 11 Correct Option - 3

Let us check each option:

- $A < B \leq I = N < R < T \rightarrow B < T$
- $A < B < I \leq N < R = T \rightarrow B < T$
- $A > B \geq I = N \geq R \geq T \rightarrow B \geq T$
- $A > B > I = N > R \geq T \rightarrow B > T$
- $A > B = I \geq N > R = T \rightarrow B > T$

Hence, the correct sequence of symbols to satisfy the given condition is “>, ≥, =, ≥, ≥”.

Que. 12 Correct Option - 4

Let us check each option:

- 1) $H > C < T < Y; C = L > J; J \geq Z = A \rightarrow Y > L; L > A$
- 2) $H > C = T < Y; C = L < J; J \geq Z < A \rightarrow Y > L$; relation between L and A can't be determined
- 3) $H > C = T < Y; C = L = J; J \geq Z < A \rightarrow Y > L$; relation between L and A can't be determined.
- 4) $H > C < T < Y; C = L \geq J; J \geq Z \geq A \rightarrow Y > L; L \geq A$ as required.
- 5) $H > C < T < Y; C = L = J; J \geq Z > A \rightarrow Y > L; L > A$.

Hence, ‘<, ≥, >’ are to be placed so that both $Y > L$ and $L \geq A$ hold definitely true.

Que. 13 Correct Option - 4

Hence, **K is sitting third to the left of K.**

Que. 14 Correct Option - 4

Hence, **If I and J interchange their position, D sits to the immediate right of J.**

Que. 15 Correct Option - 1

In DB, EH, JC and AF the first person is seated third to the right of the second person.

In GK the first person is seated third to the left of the second person

Hence, **GK is the odd one out.**

Que. 16 Correct Option - 5

I. A sits second to the right of C.

II. Odd number of persons sit between A and I when counted from the left of A.

III. Immediate neighbors of A are H and J.

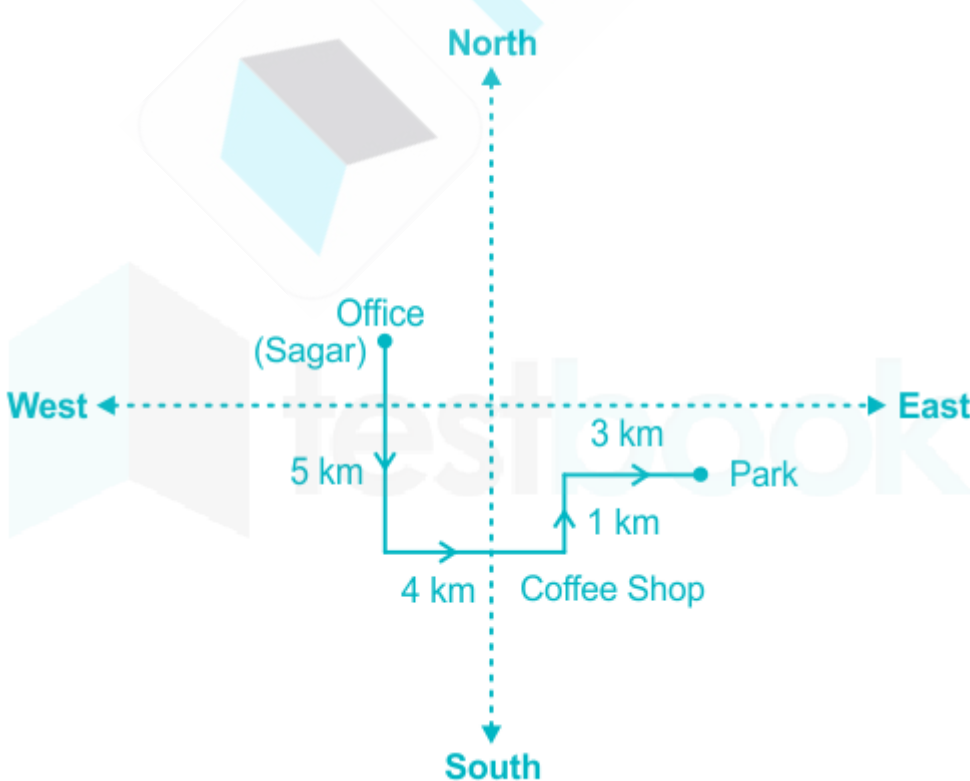
Hence, **Both II and III are false statements.**

Que. 17 Correct Option - 2

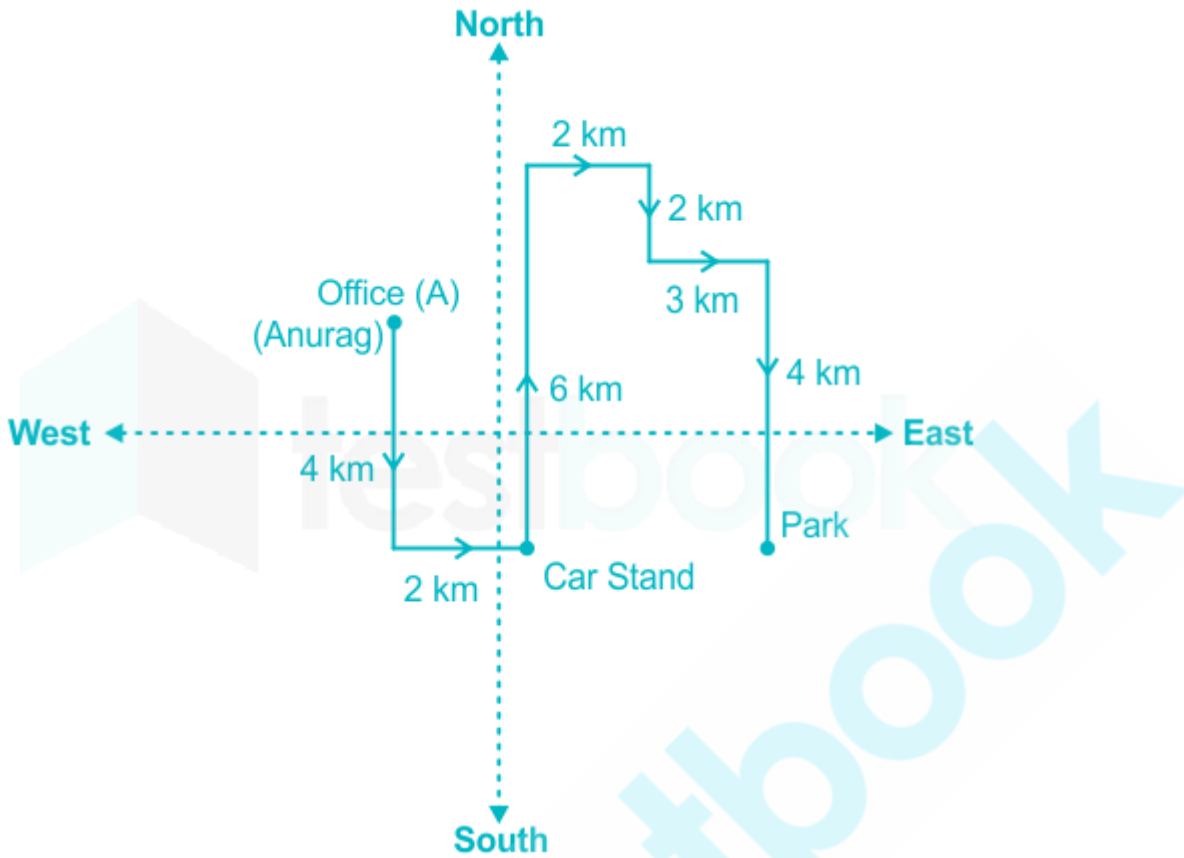
Hence, **nine persons sit between K and D when counted from the right of K.**

Que. 18 Correct Option - 5

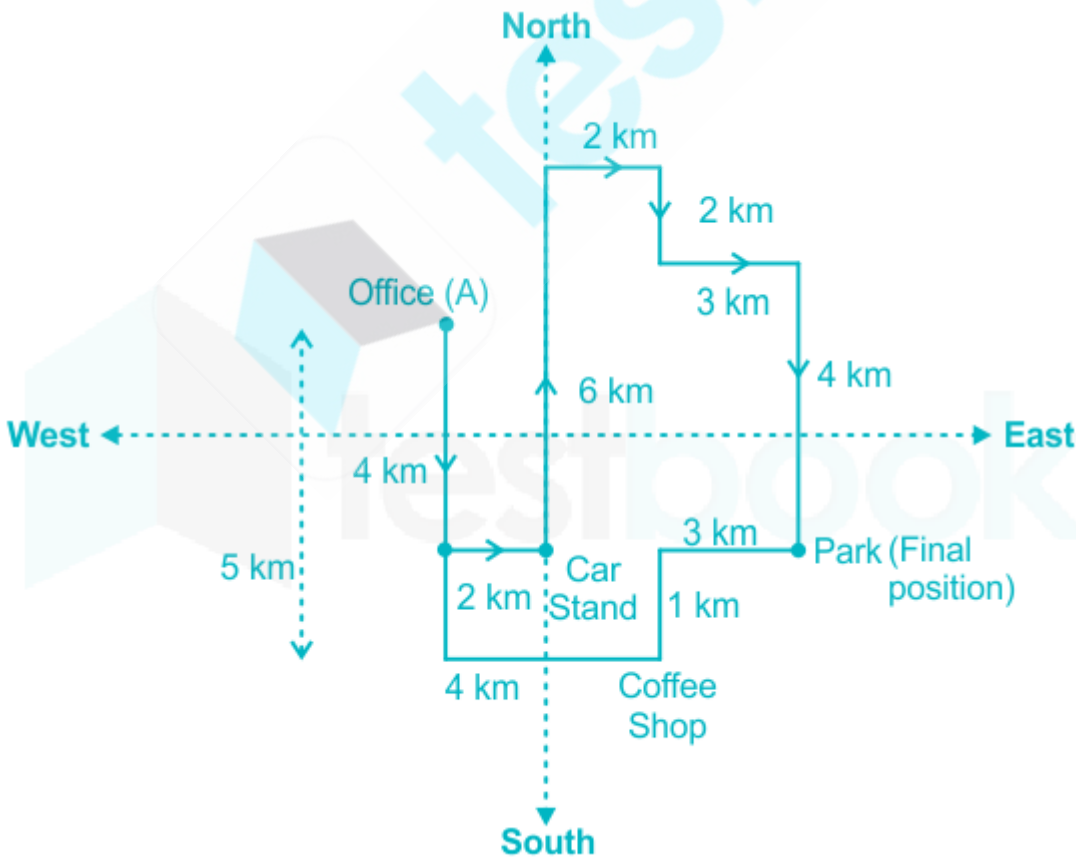
1) Sagar starts walking from his office in the South direction and walks for 5 km, from here he takes a left turn to reach the coffee shop which is 4 km away. From the coffee shop, he takes a left turn and walks for 1 km, and finally takes a right turn to reach the park which is 3 km away.



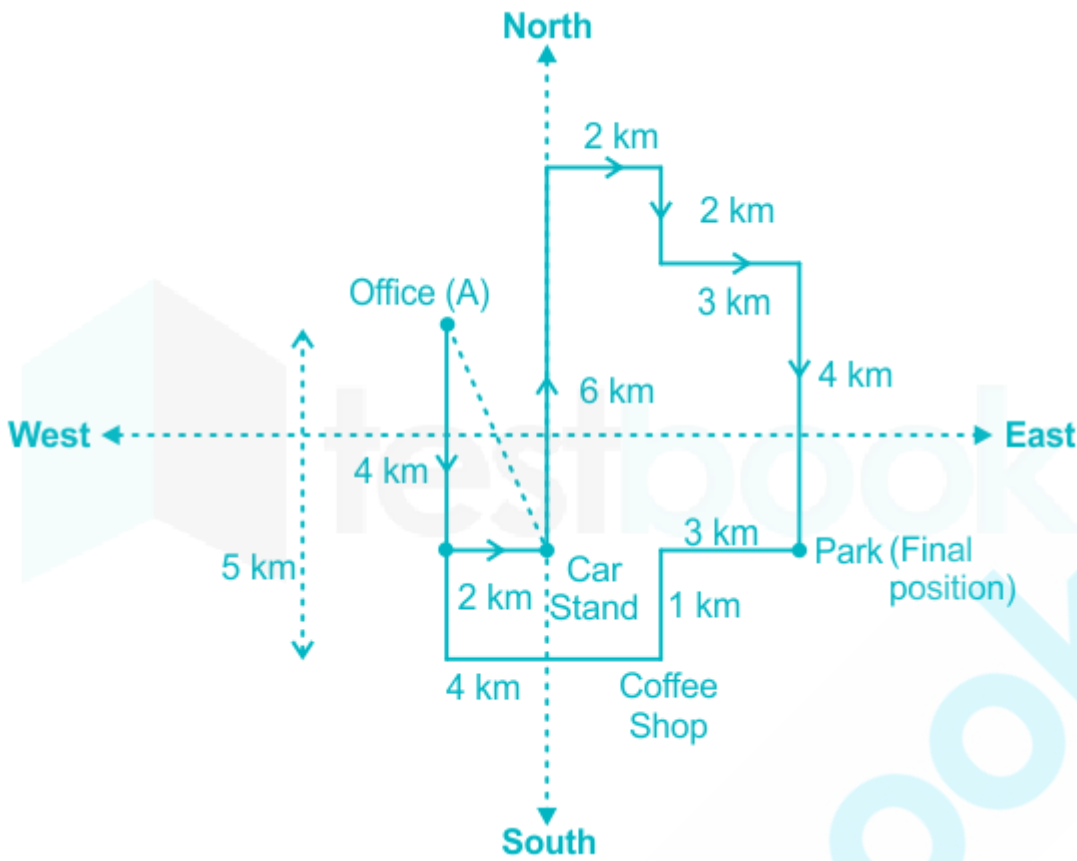
2) Anurag starts walking in the South direction and walks for 4 km, and then takes a left turn to reach the car stand which is 2 km. From the car stand, he takes a left turn and walks for 6 km and then takes right turn and walks 2 km and takes right turn and walks 2 km and then again takes left turn and walks 3 km and then takes right turn and walks for 4 km to reach the park.



By merging all the diagrams, the final diagram is:



Since Sagar and Anurag start from the same office (point A)
The shortest distance between the office and the car stand:



By using Pythagoras theorem:

$$(\text{Hypotenuse})^2 = (\text{Perpendicular})^2 + (\text{Base})^2$$

$$(\text{Hypotenuse})^2 = (4)^2 + (2)^2$$

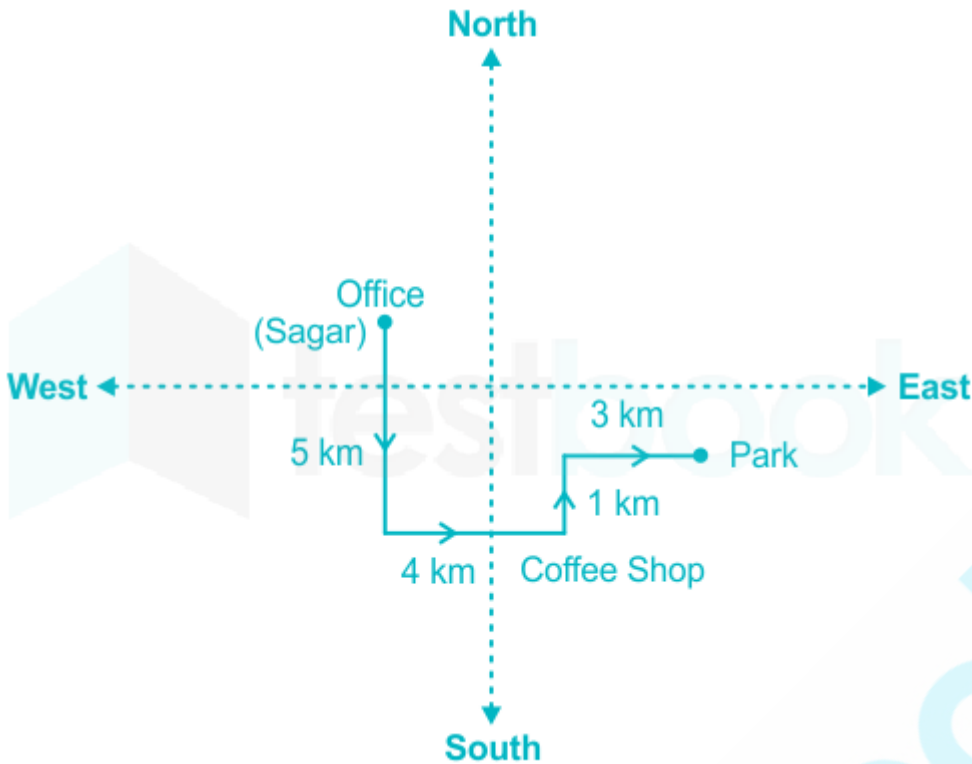
$$(\text{Hypotenuse})^2 = 16 + 4$$

$$\text{Hypotenuse} = \sqrt{20}$$

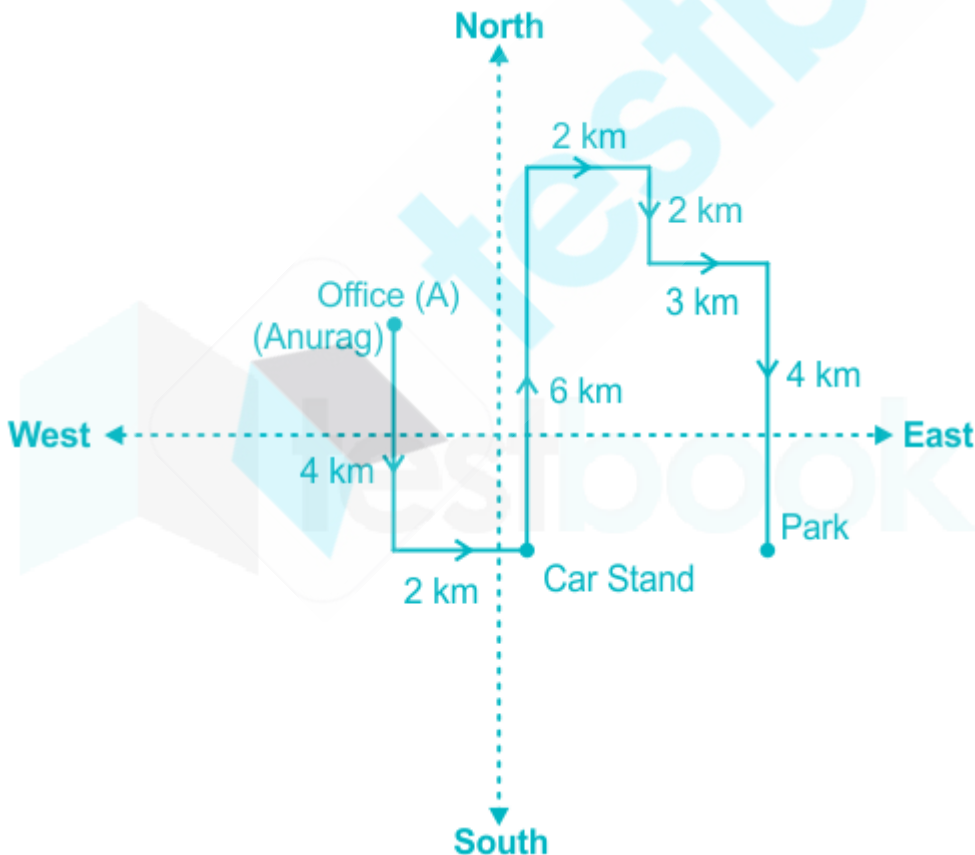
Hence, the shortest distance between the office and the car stand is $\sqrt{20}$ Km.

Que. 19 Correct Option - 3

1) Sagar starts walking from his office in the South direction and walks for 5 km, from here he takes a left turn to reach the coffee shop which is 4 km away. From the coffee shop, he takes a left turn and walks for 1 km, and finally takes a right turn to reach the park which is 3 km away.

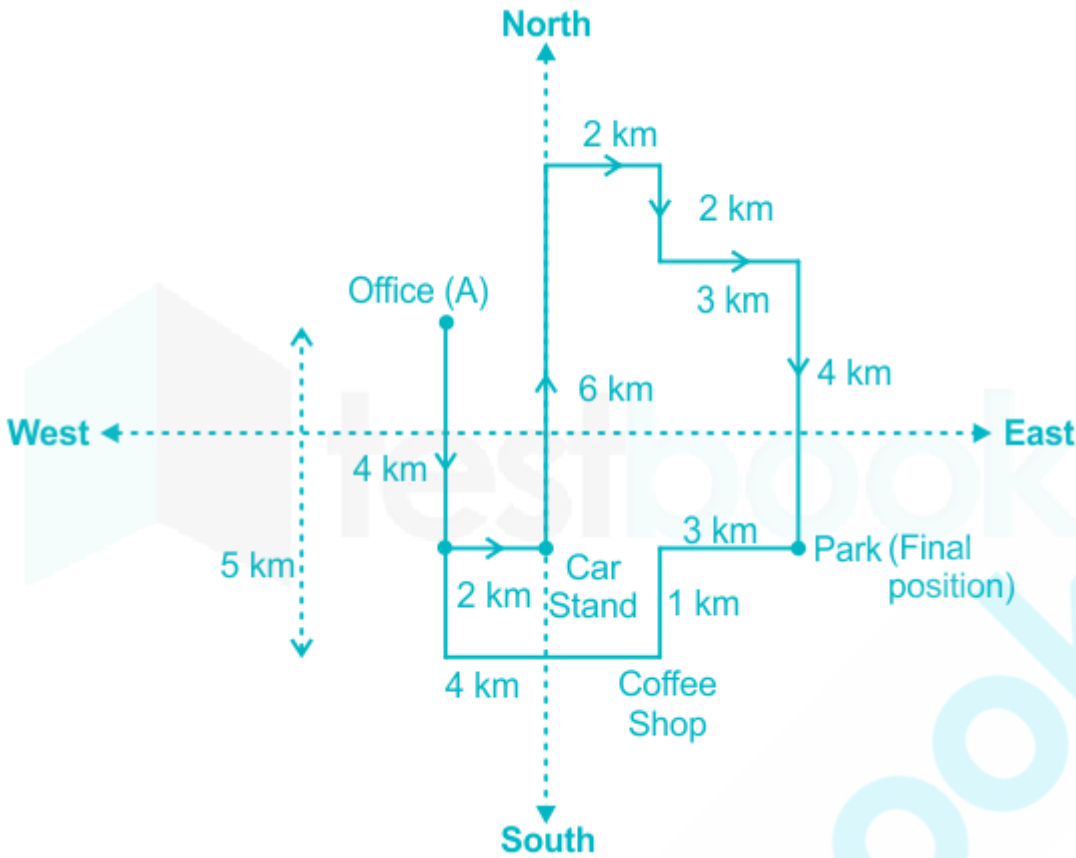


2) Anurag starts walking in the South direction and walks for 4 km, and then takes a left turn to reach the car stand which is 2 km. From the car stand, he takes a left turn and walks for 6 km and then takes right turn and walks 2 km and takes right turn and walks 2 km and then again takes left turn and walks 3 km and then takes right turn and walks for 4 km to reach the park.



By merging all the diagrams, the final diagram is:

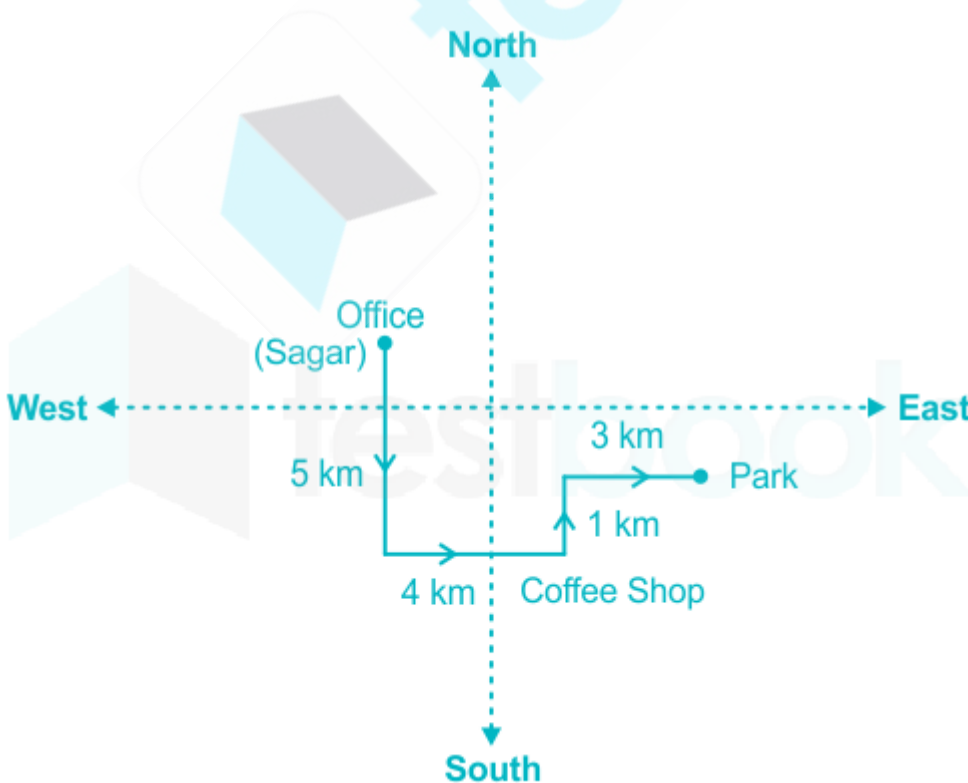
Since Sagar and Anurag start from the same office (point A)



The total distance between Coffee shop to Park = 1 km + 3 km = 4 km
Hence, the total distance between the Coffee shop to Park is **4 km**.

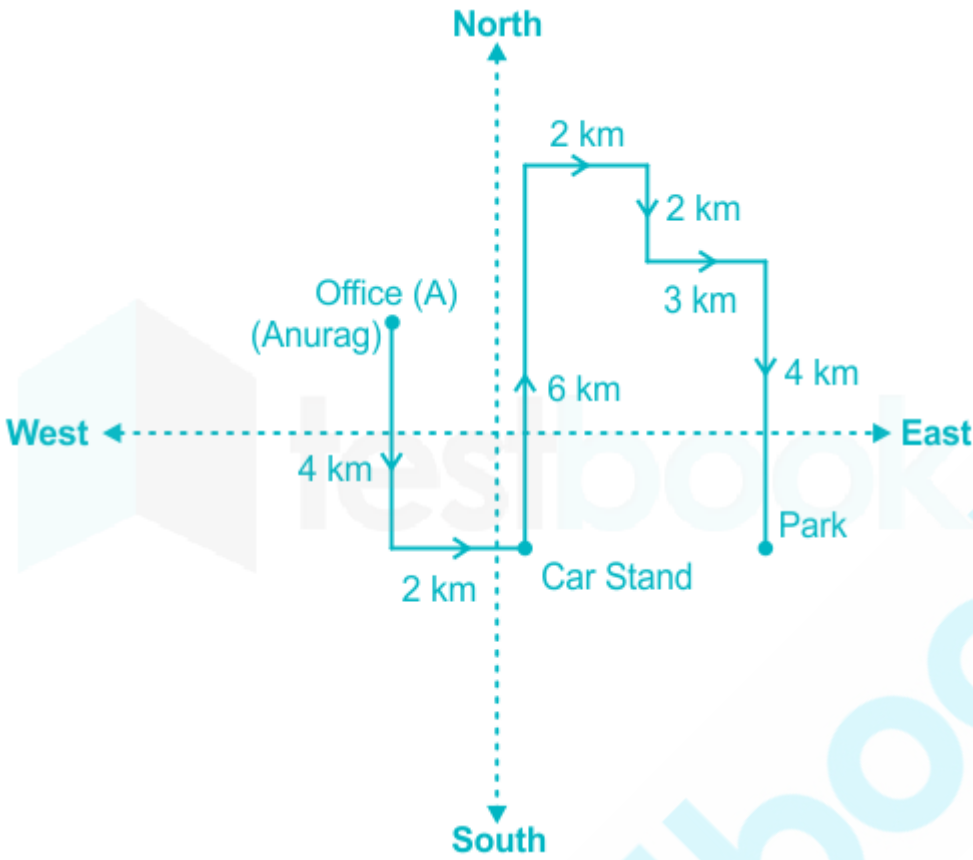
Que. 20 Correct Option - 4

1) Sagar starts walking from his office in the South direction and walks for 5 km, from here he takes a left turn to reach the coffee shop which is 4 km away. From the coffee shop, he takes a left turn and walks for 1 km, and finally takes a right turn to reach the park which is 3 km away.

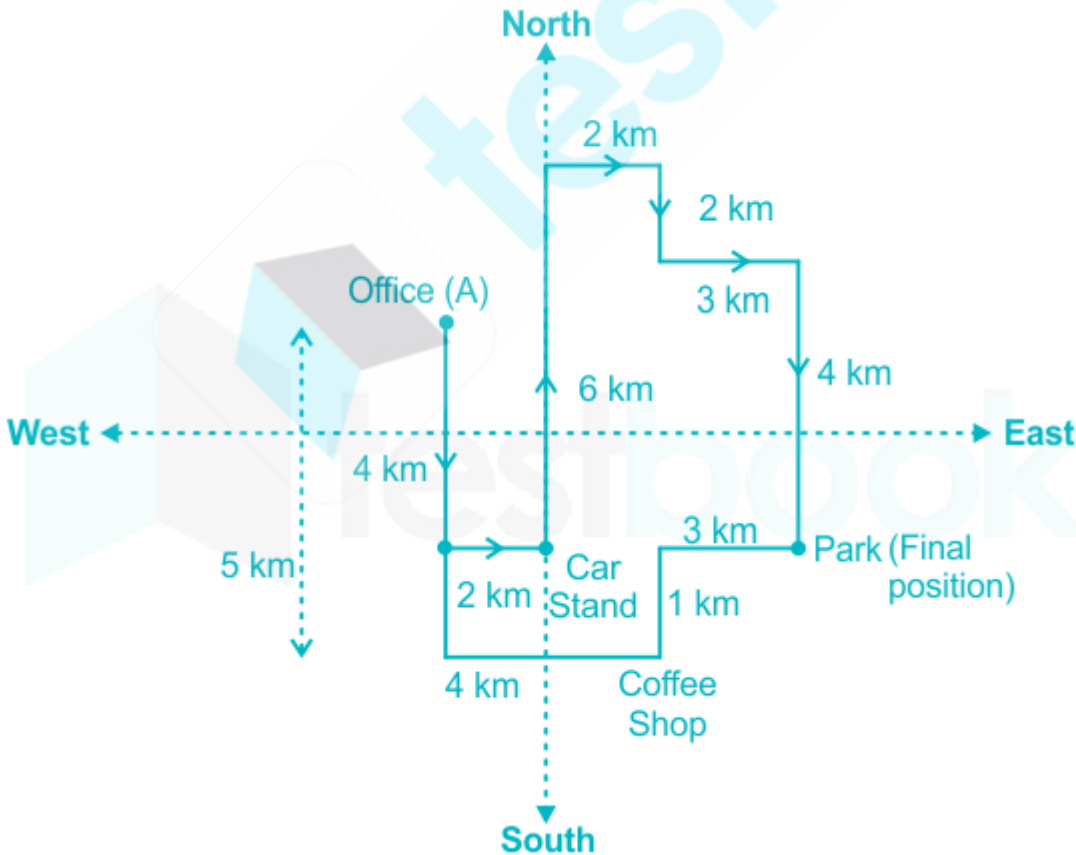


2) Anurag starts walking in the South direction and walks for 4 km, and then takes a left turn to reach the car stand which is 2 km. From the car stand, he takes a left turn and walks for 6 km and then takes right turn and

walks 2 km and takes right turn and walks 2 km and then again takes left turn and walks 3 km and then takes right turn and walks for 4 km to reach the park.



By merging all the diagrams, the final diagram is:
Since Sagar and Anurag start from the same office (point A)

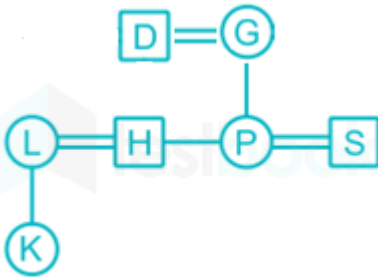


Hence, the final position is in the **South-East** direction with respect to the initial position.

Symbol representation:

Symbol in Diagram	Meaning
○	Female
□	Male
==	Married couple
—	Siblings
	Difference of a generation

Possible tree diagram will be:



Hence, G is Paternal Grand Mother of K.

Que. 22 Correct Option - 4

Hence, **Nazim bought yellow color dress.**

Que. 23 Correct Option - 5

Hence, **Nazim bought yellow color dress.**

Que. 24 Correct Option - 2

Hence, **Deva bought green color dress on Thursday.**

Que. 25 Correct Option - 5

Hence, **If Arvind and Nazim interchange their position, shri bought dress after Nazim.**

Que. 26 Correct Option - 3

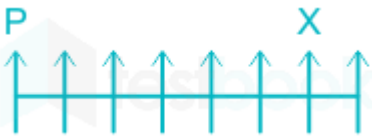
Hence, **pink color dress in bought on Tuesday.**

Que. 27 Correct Option - 2

Given,

Facing direction - North

1. X is sitting second from the right end of the row.
2. Five persons are sitting between X and P.



3. C is sitting immediate right of P.
4. E is sitting third to the right of C.



5. Seven persons are sitting to the left of E.
6. A is sitting on one of the extreme ends but not sitting immediately right of X.



7. T is sitting eighth to the right of A and immediately left of X.
8. Y is sitting second to the right of T.
9. Four persons are sitting between Y and R.



Hence, A is sitting at the extreme left end of the row.

Que. 28 Correct Option - 2

Given,

Facing direction - North

1. X is sitting second from the right end of the row.
2. Five persons are sitting between X and P.



3. C is sitting immediate right of P.
4. E is sitting third to the right of C.



5. Seven persons are sitting to the left of E.
6. A is sitting on one of the extreme ends but not sitting immediately right of X.



7. T is sitting eighth to the right of A and immediately left of X.
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9. Four persons are sitting between Y and R.



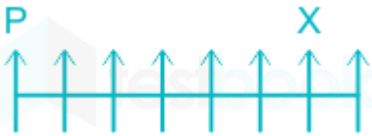
Hence, **11 seats in row is the correct answer.**

Que. 29 Correct Option - 3

Given,

Facing direction - North

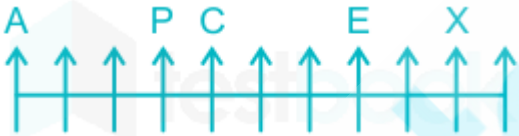
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2. Five persons are sitting between X and P.



3. C is sitting immediate right of P.
4. E is sitting third to the right of C.



5. Seven persons are sitting to the left of E.
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7. T is sitting eighth to the right of A and immediately left of X.
8. Y is sitting second to the right of T.
9. Four persons are sitting between Y and R.



Hence, **three persons is the correct answer.**

Que. 30 Correct Option - 1

Given,

Facing direction - North

1. X is sitting second from the right end of the row.
2. Five persons are sitting between X and P.



3. C is sitting immediate right of P.

4. E is sitting third to the right of C.



5. Seven persons are sitting to the left of E.

6. A is sitting on one of the extreme ends but not sitting immediately right of X.



7. T is sitting eighth to the right of A and immediately left of X.

8. Y is sitting second to the right of T.

9. Four persons are sitting between Y and R.



Hence, **C is sitting immediate left of R.**

Que. 31 Correct Option - 5

Seven people P, Q, R, S, T, U, and V are from seven different countries India, Brazil, China, USA, UAE, UK, and Russia. Each one of them works in the same company but on different designation i.e. Chief Executive Officer (CEO), Chairman, Manager, Deputy Manager (DM), Assistant Manager (AM), Assistant and Clerk. These ranks are given in descending order (ex. CEO is the senior and Clerk is the junior).

1) More than four people are senior to S.

Hence, there can be two possible cases:

S is Assistant in case1 and Clerk in case2.

	(Case1)		(Case2)	
Designations	People	Countries	People	Countries
CEO				
Chairman				
Manager				
DM				
AM				
Assistant	S			
Clerk			S	

2) Q is junior to the AM and he is from Russia.

3) Two designations are between Q and the one who is from Brazil.

4) The number of people who is senior to the one who is from Brazil is the same as the number of people junior to V.

	(Case1)		(Case2)	
Designations	People	Countries	People	Countries
CEO				
Chairman				
Manager				Brazil

DM	V	Brazil		
AM			V	
Assistant	S		Q	Russia
Clerk	Q	Russia	S	

5) P is senior to V but he is neither CEO nor Manager.

Hence, there can be one possible case i.e. Case2A

In case1 P is Chairman, in case2 P is DM and in case2A P is Chairman.

	(Case1)		(Case2)		(Case2A)	
Designations	People	Countries	People	Countries	People	Countries
CEO						
Chairman	P				P	
Manager				Brazil		Brazil
DM	V	Brazil	P			
AM			V		V	
Assistant	S		Q	Russia	Q	Russia
Clerk	Q	Russia	S		S	

6) P is from China and immediate senior to the one who is from UAE.

Here, case2A is eliminated because UAE is not immediately junior to P.

	(Case1)		(Case2)		(Case2A) Eliminated	
Designations	People	Countries	People	Countries	People	Countries
CEO						
Chairman	P	China			P	China
Manager		UAE		Brazil		Brazil
DM	V	Brazil	P	China		
AM			V	UAE	V	
Assistant	S		Q	Russia	Q	Russia
Clerk	Q	Russia	S		S	

7) T is from the USA and is junior to one who is from India.

In Case1 and Case2 S is from the UK.

	(Case1)		(Case2)	
Designations	People	Countries	People	Countries
CEO		India		India
Chairman	P	China	T	USA
Manager		UAE		Brazil
DM	V	Brazil	P	China
AM	T	USA	V	UAE
Assistant	S	UK	Q	Russia
Clerk	Q	Russia	S	UK

8) U is senior to R who is not from UAE.

Here, Case1 is eliminated.

	(Case1)	(Case2)

Designations	Eliminated		People	Countries
	People	Countries		
CEO	U	India	U	India
Chairman	P	China	T	USA
Manager	R	UAE	R	Brazil
DM	V	Brazil	P	China
AM	T	USA	V	UAE
Assistant	S	UK	Q	Russia
Clerk	Q	Russia	S	UK

Final arrangement:

Designations	People	Countries
CEO	U	India
Chairman	T	USA
Manager	R	Brazil
DM	P	China
AM	V	UAE
Assistant	Q	Russia
Clerk	S	UK

The designation of V is 'Assistant Manager (AM)'.

The correct answer is 'C'.

Que. 32 Correct Option - 1

Seven people P, Q, R, S, T, U, and V are from seven different countries India, Brazil, China, USA, UAE, UK, and Russia. Each one of them works in the same company but on different designation i.e. Chief Executive Officer (CEO), Chairman, Manager, Deputy Manager (DM), Assistant Manager (AM), Assistant and Clerk. These ranks are given in descending order (ex. CEO is the senior and Clerk is the junior).

1) More than four people are senior to S.

Hence, there can be two possible cases:

S is Assistant in case1 and Clerk in case2.

Designations	(Case1)		(Case2)	
	People	Countries	People	Countries
CEO				
Chairman				
Manager				
DM				
AM				
Assistant	S			
Clerk			S	

2) Q is junior to the AM and he is from Russia.

3) Two designations are between Q and the one who is from Brazil.

4) The number of people who is senior to the one who is from Brazil is the same as the number of people junior to V.

	(Case1)		(Case2)	
Designations	People	Countries	People	Countries
CEO				
Chairman				
Manager				Brazil
DM	V	Brazil		
AM			V	
Assistant	S		Q	Russia
Clerk	Q	Russia	S	

5) P is senior to V but he is neither CEO nor Manager.

Hence, there can be one possible case i.e. Case2A

In case1 P is Chairman, in case2 P is DM and in case2A P is Chairman.

	(Case1)		(Case2)		(Case2A)	
Designations	People	Countries	People	Countries	People	Countries
CEO						
Chairman	P				P	
Manager				Brazil		Brazil
DM	V	Brazil	P			
AM			V		V	
Assistant	S		Q	Russia	Q	Russia
Clerk	Q	Russia	S		S	

6) P is from China and immediate senior to the one who is from UAE.

Here, case2A is eliminated because UAE is not immediately junior to P.

	(Case1)		(Case2)		(Case2A) Eliminated	
Designations	People	Countries	People	Countries	People	Countries
CEO						
Chairman	P	China			P	China
Manager		UAE		Brazil		Brazil
DM	V	Brazil	P	China		
AM			V	UAE	V	
Assistant	S		Q	Russia	Q	Russia
Clerk	Q	Russia	S		S	

7) T is from the USA and is junior to one who is from India.

In Case1 and Case2 S is from the UK.

	(Case1)		(Case2)	
Designations	People	Countries	People	Countries
CEO		India		India
Chairman	P	China	T	USA
Manager		UAE		Brazil
DM	V	Brazil	P	China
AM	T	USA	V	UAE

Assistant	S	UK	Q	Russia
Clerk	Q	Russia	S	UK

8) U is senior to R who is not from UAE.

Here, Case1 is eliminated.

	(Case1) Eliminated		(Case2)	
Designations	People	Countries	People	Countries
CEO	U	India	U	India
Chairman	P	China	T	USA
Manager	R	UAE	R	Brazil
DM	V	Brazil	P	China
AM	T	USA	V	UAE
Assistant	S	UK	Q	Russia
Clerk	Q	Russia	S	UK

Final arrangement:

Designations	People	Countries
CEO	U	India
Chairman	T	USA
Manager	R	Brazil
DM	P	China
AM	V	UAE
Assistant	Q	Russia
Clerk	S	UK

Only 'one' person is senior to T.

The correct answer is 'A'.

Que. 33 Correct Option - 4

Seven people P, Q, R, S, T, U, and V are from seven different countries India, Brazil, China, USA, UAE, UK, and Russia. Each one of them works in the same company but on different designation i.e. Chief Executive Officer (CEO), Chairman, Manager, Deputy Manager (DM), Assistant Manager (AM), Assistant and Clerk. These ranks are given in descending order (ex. CEO is the senior and Clerk is the junior).

1) More than four people are senior to S.

Hence, there can be two possible cases:

S is Assistant in case1 and Clerk in case2.

	(Case1)		(Case2)	
Designations	People	Countries	People	Countries
CEO				
Chairman				
Manager				
DM				
AM				
Assistant	S			
Clerk			S	

2) Q is junior to the AM and he is from Russia.

3) Two designations are between Q and the one who is from Brazil.

4) The number of people who is senior to the one who is from Brazil is the same as the number of people junior to V.

	(Case1)		(Case2)	
Designations	People	Countries	People	Countries
CEO				
Chairman				
Manager				Brazil
DM	V	Brazil		
AM			V	
Assistant	S		Q	Russia
Clerk	Q	Russia	S	

5) P is senior to V but he is neither CEO nor Manager.

Hence, there can be one possible case i.e. Case2A

In case1 P is Chairman, in case2 P is DM and in case2A P is Chairman.

	(Case1)		(Case2)		(Case2A)	
Designations	People	Countries	People	Countries	People	Countries
CEO						
Chairman	P				P	
Manager				Brazil		Brazil
DM	V	Brazil	P			
AM			V		V	
Assistant	S		Q	Russia	Q	Russia
Clerk	Q	Russia	S		S	

6) P is from China and immediate senior to the one who is from UAE.

Here, case2A is eliminated because UAE is not immediately junior to P.

	(Case1)		(Case2)		(Case2A) Eliminated	
Designations	People	Countries	People	Countries	People	Countries
CEO						
Chairman	P	China			P	China
Manager		UAE		Brazil		Brazil
DM	V	Brazil	P	China		
AM			V	UAE	V	
Assistant	S		Q	Russia	Q	Russia
Clerk	Q	Russia	S		S	

7) T is from the USA and is junior to one who is from India.

In Case1 and Case2 S is from the UK.

	(Case1)		(Case2)	
Designations	People	Countries	People	Countries
CEO		India		India

Chairman	P	China	T	USA
Manager		UAE		Brazil
DM	V	Brazil	P	China
AM	T	USA	V	UAE
Assistant	S	UK	Q	Russia
Clerk	Q	Russia	S	UK

8) U is senior to R who is not from UAE.

Here, Case1 is eliminated.

	(Case1) Eliminated		(Case2)	
Designations	People	Countries	People	Countries
CEO	U	India	U	India
Chairman	P	China	T	USA
Manager	R	UAE	R	Brazil
DM	V	Brazil	P	China
AM	T	USA	V	UAE
Assistant	S	UK	Q	Russia
Clerk	Q	Russia	S	UK

Final arrangement:

Designations	People	Countries
CEO	U	India
Chairman	T	USA
Manager	R	Brazil
DM	P	China
AM	V	UAE
Assistant	Q	Russia
Clerk	S	UK

'V' is from UAE.

The correct answer is 'D'.

Que. 34 Correct Option - 2

Seven people P, Q, R, S, T, U, and V are from seven different countries India, Brazil, China, USA, UAE, UK, and Russia. Each one of them works in the same company but on different designation i.e. Chief Executive Officer (CEO), Chairman, Manager, Deputy Manager (DM), Assistant Manager (AM), Assistant and Clerk. These ranks are given in descending order (ex. CEO is the senior and Clerk is the junior).

1) More than four people are senior to S.

Hence, there can be two possible cases:

S is Assistant in case1 and Clerk in case2.

	(Case1)		(Case2)	
Designations	People	Countries	People	Countries
CEO				
Chairman				
Manager				

DM				
AM				
Assistant	S			
Clerk			S	

2) Q is junior to the AM and he is from Russia.

3) Two designations are between Q and the one who is from Brazil.

4) The number of people who is senior to the one who is from Brazil is the same as the number of people junior to V.

	(Case1)		(Case2)	
Designations	People	Countries	People	Countries
CEO				
Chairman				
Manager				Brazil
DM	V	Brazil		
AM			V	
Assistant	S		Q	Russia
Clerk	Q	Russia	S	

5) P is senior to V but he is neither CEO nor Manager.

Hence, there can be one possible case i.e. Case2A

In case1 P is Chairman, in case2 P is DM and in case2A P is Chairman.

	(Case1)		(Case2)		(Case2A)	
Designations	People	Countries	People	Countries	People	Countries
CEO						
Chairman	P				P	
Manager				Brazil		Brazil
DM	V	Brazil	P			
AM			V		V	
Assistant	S		Q	Russia	Q	Russia
Clerk	Q	Russia	S		S	

6) P is from China and immediate senior to the one who is from UAE.

Here, case2A is eliminated because UAE is not immediately junior to P.

	(Case1)		(Case2)		(Case2A) Eliminated	
Designations	People	Countries	People	Countries	People	Countries
CEO						
Chairman	P	China			P	China
Manager		UAE		Brazil		Brazil
DM	V	Brazil	P	China		
AM			V	UAE	V	
Assistant	S		Q	Russia	Q	Russia
Clerk	Q	Russia	S		S	

7) T is from the USA and is junior to one who is from India.

In Case1 and Case2 S is from the UK.

	(Case1)		(Case2)	
Designations	People	Countries	People	Countries
CEO		India		India
Chairman	P	China	T	USA
Manager		UAE		Brazil
DM	V	Brazil	P	China
AM	T	USA	V	UAE
Assistant	S	UK	Q	Russia
Clerk	Q	Russia	S	UK

8) U is senior to R who is not from UAE.

Here, Case1 is eliminated.

	(Case1) Eliminated		(Case2)	
Designations	People	Countries	People	Countries
CEO	U	India	U	India
Chairman	P	China	T	USA
Manager	R	UAE	R	Brazil
DM	V	Brazil	P	China
AM	T	USA	V	UAE
Assistant	S	UK	Q	Russia
Clerk	Q	Russia	S	UK

Final arrangement:

Designations	People	Countries
CEO	U	India
Chairman	T	USA
Manager	R	Brazil
DM	P	China
AM	V	UAE
Assistant	Q	Russia
Clerk	S	UK

'Assistant - S' is the incorrect pair.

The correct answer is 'B'.

Que. 35 Correct Option - 5

Seven people P, Q, R, S, T, U, and V are from seven different countries India, Brazil, China, USA, UAE, UK, and Russia. Each one of them works in the same company but on different designation i.e. Chief Executive Officer (CEO), Chairman, Manager, Deputy Manager (DM), Assistant Manager (AM), Assistant and Clerk. These ranks are given in descending order (ex. CEO is the senior and Clerk is the junior).

1) More than four people are senior to S.

Hence, there can be two possible cases:

S is Assistant in case1 and Clerk in case2.

	(Case1)	(Case2)
--	---------	---------

Designations	People	Countries	People	Countries
CEO				
Chairman				
Manager				
DM				
AM				
Assistant	S			
Clerk			S	

2) Q is junior to the AM and he is from Russia.

3) Two designations are between Q and the one who is from Brazil.

4) The number of people who is senior to the one who is from Brazil is the same as the number of people junior to V.

	(Case1)		(Case2)	
Designations	People	Countries	People	Countries
CEO				
Chairman				
Manager				Brazil
DM	V	Brazil		
AM			V	
Assistant	S		Q	Russia
Clerk	Q	Russia	S	

5) P is senior to V but he is neither CEO nor Manager.

Hence, there can be one possible case i.e. Case2A

In case1 P is Chairman, in case2 P is DM and in case2A P is Chairman.

	(Case1)		(Case2)		(Case2A)	
Designations	People	Countries	People	Countries	People	Countries
CEO						
Chairman	P				P	
Manager				Brazil		Brazil
DM	V	Brazil	P			
AM			V		V	
Assistant	S		Q	Russia	Q	Russia
Clerk	Q	Russia	S		S	

6) P is from China and immediate senior to the one who is from UAE.

Here, case2A is eliminated because UAE is not immediately junior to P.

	(Case1)		(Case2)		(Case2A) Eliminated	
Designations	People	Countries	People	Countries	People	Countries
CEO						
Chairman	P	China			P	China
Manager		UAE		Brazil		Brazil
DM	V	Brazil	P	China		

AM			V	UAE	V	
Assistant	S		Q	Russia	Q	Russia
Clerk	Q	Russia	S		S	

7) T is from the USA and is junior to one who is from India.

In Case1 and Case2 S is from the UK.

	(Case1)		(Case2)	
Designations	People	Countries	People	Countries
CEO		India		India
Chairman	P	China	T	USA
Manager		UAE		Brazil
DM	V	Brazil	P	China
AM	T	USA	V	UAE
Assistant	S	UK	Q	Russia
Clerk	Q	Russia	S	UK

8) U is senior to R who is not from UAE.

Here, Case1 is eliminated.

	(Case1) Eliminated		(Case2)	
Designations	People	Countries	People	Countries
CEO	U	India	U	India
Chairman	P	China	T	USA
Manager	R	UAE	R	Brazil
DM	V	Brazil	P	China
AM	T	USA	V	UAE
Assistant	S	UK	Q	Russia
Clerk	Q	Russia	S	UK

Final arrangement:

Designations	People	Countries
CEO	U	India
Chairman	T	USA
Manager	R	Brazil
DM	P	China
AM	V	UAE
Assistant	Q	Russia
Clerk	S	UK

'5' designations are there between U and S.

The correct answer is 'D'.

Que. 36 Correct Option - 5

Hence, four products were bought between O and I.

Que. 37 Correct Option - 4

Every pair except K, I has one product between them, where K, I has two products between them.
Hence, **K, I is the odd one out.**

Que. 38 Correct Option - 5

Hence, Number of products after N is same as the number of products before I.

Que. 39 Correct Option - 5

I. J is the first product to buy.

II. The number of products before Q is same as the number of products after R.

III. Even number of products is bought between L and K.

Hence, **Only III is true.**

Que. 40 Correct Option - 2

Hence, **Odd number of persons sit between M and I.**

Que. 41 Correct Option - 3

The solution will be available on Monday

Que. 42 Correct Option - 5

The solution will be available on Monday

Que. 43 Correct Option - 2

The solution will be available on Monday

Que. 44 Correct Option - 2

The solution will be available on Monday

Que. 45 Correct Option - 4

The solution will be available on Monday

Que. 46 Correct Option - 3

GIVEN:

3, 4, 10, 33, 136, ?, 4115

Calculation:

The series follows the following pattern:

$$\Rightarrow 3 \times 1 + 1 = 4$$

$$\Rightarrow 4 \times 2 + 2 = 10$$

$$\Rightarrow 10 \times 3 + 3 = 33$$

$$\Rightarrow 33 \times 4 + 4 = 136$$

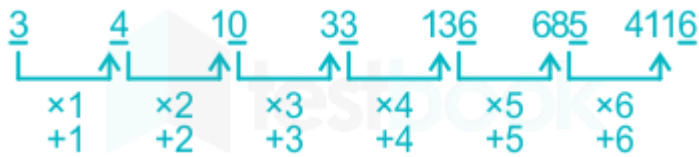
$$\Rightarrow 136 \times 5 + 5 = \mathbf{685}$$

$$\Rightarrow \mathbf{685} \times 6 + 6 = 4116$$

∴ The required value of "?" is 685.

Alternate Method

As we know, Unit digit didn't be the same in options, so we can solve this series with Unit digit also:



After solving the Unit digit method:

$$\text{The value of ?} = 6 \times 5 + 5$$

$$\Rightarrow 35$$

The unit digit in 35 is 5. Only one of the given options is having the same unit digit = 685

∴ The required value of "?" is 685.

Que. 47 Correct Option - 4

Given:

12, 16, 25, 41, 66, ?

Calculation:

The series follows the following pattern

$$12 + 2^2 = 16$$

$$16 + 3^2 = 25$$

$$25 + 4^2 = 41$$

$$41 + 5^2 = 66$$

$$66 + 6^2 = \mathbf{102}$$

∴ The required value of ? is 102

Que. 48 Correct Option - 3

GIVEN:

299, 302, 308, 317, ?, 344

Concept Used:

The number of consecutive factors of 3 is being added to the series.

Calculation:

The series follows the following pattern:

$$\Rightarrow 299 + 3 = 302$$

$$\Rightarrow 302 + 6 = 308$$

$$\Rightarrow 308 + 9 = 317$$

$$\Rightarrow 317 + 12 = \mathbf{329}$$

$$\Rightarrow \mathbf{329} + 15 = 344$$

∴ The required value of "?" is 329.

Que. 49 Correct Option - 1

Calculation:

The series follows the pattern:

$$\Rightarrow 25 \times 8 = 200$$

$$\Rightarrow 200 \div 5 = 40$$

$$\Rightarrow 40 \times 8 = 320$$

$$\Rightarrow 320 \div 5 = 64$$

$$\Rightarrow 64 \times 8 = 512$$

\therefore The missing number is 320.

Que. 50 Correct Option - 2

Calculation:

$$\Rightarrow 1^3 = 1$$

$$\Rightarrow 3^3 = 27$$

$$\Rightarrow 5^3 = 125$$

$$\Rightarrow 7^3 = 343$$

$$\Rightarrow 9^3 = 729$$

$$\Rightarrow 11^3 = 1331$$

\therefore The missing number is 125.

Que. 51 Correct Option - 1

Given:

Time = 4 years

Principal = Rs 20480

Rate = 25%

Formula used:

$$S.I = P R T/100$$

$$C.I = P(1 + R/100)^t - P$$

Calculation:

$$S.I = 20480 \times 25 \times 4/100 = \text{Rs } 20480$$

$$C.I = 20480 (1 + 25/100)^4 - 20480$$

$$\Rightarrow 20480 (5/4)^4 - 20480$$

$$\Rightarrow 20480 (625/256) - 20480$$

$$\Rightarrow 80 \times 625 - 20480 = \text{Rs } 29520$$

Required difference = Rs 9040

\therefore The difference is Rs 9040

 **Alternate Method**

$$S.I = 25 \times 4 = 100 \% \text{ of } 20480$$

$$S.I = \text{Rs } 20480$$

For C.I

$$25 \% = 1/4$$

$$P = 4, A = 5$$

$$P \text{ for 4 years} = 4^4 = 256 \text{ ratio}$$

$$A \text{ for 4 years} = 5^4 = 625 \text{ ratio}$$

$$\text{Interest} = 625 - 256 = 369 \text{ ratio}$$

256 ratio = 20480

$\therefore 369 \text{ ratio} = 20480/256 \times 369 = \text{Rs } 29520$

Required difference = Rs 9040

\therefore **The difference is Rs 9040**

Que. 52 Correct Option - 2

GIVEN:

Real ratio = 1 : 3 : 2

Incorrect ratio = 2 : 7 : 9

B's loss = Rs 136

EXPLANATION:

Real ratio = $(1 + 3 + 2) = 6$

Incorrect ratio = $(2 + 7 + 9) = 18$

Let amount be $18x$ (L.C.M of 6 and 18)

Amount to be received by B = $18x/6 \times 3 = 9x$

Amount erroneously received by B = $18x/18 \times 7 = 7x$

Difference = $9x - 7x = 2x$

$\therefore 2x = 136$

$\Rightarrow x = 68$

so, Amount = $18x = 18 \times 68 = \text{Rs } 1224$

\therefore **Quantity A < Quantity B**

Que. 53 Correct Option - 2

GIVEN:

C.P of 300 pens = Rs 1200

Profit = C.P of 36 pens

FORMULA USED:

Profit % = $\text{Profit}/\text{C.P} \times 100$

CALCULATION:

C.P of 1 pen = $1200/300 = \text{Rs } 4$

C.P of 36 pens = $36 \times 4 = \text{Rs } 144$

Required profit is Rs 144 on Rs 1200

$\therefore \text{Profit}\% = (144/1200) \times 100 = 12\%$

\therefore **Profit is 12%.**

\therefore **Quantity A < Quantity B**

Que. 54 Correct Option - 4

Solution will be available on Monday

Que. 55 Correct Option - 4

Given:

Length of the faster train = 525 m

Length of the slower train = 425 m

Speed of the faster train = 103 kmph

Speed of the slower train = 73 kmph

Formula used:

Speed = Distance/time

Speed in m/s = $\frac{5}{18} \times$ speed in kmph

Calculation:

Total distance = 525 + 425 = 950 m

When trains running in the same direction, then their relative speed is the difference between their speeds

\Rightarrow Net speed = 103 - 73 = 30 kmph

\Rightarrow Speed in m/s = $\frac{5}{18} \times 30 = 25/3$ m/s

Total time = $\frac{950}{25/3}$

\Rightarrow Time = $38 \times 3 = 114$

\therefore The time taken by the faster train to overtake the slower train = 114 s

Que. 56 Correct Option - 2

Given

Ratio of Cost price to selling price of a book is 5 : 6 and ratio of selling price to marked price is 4 : 5

Formula:

x is what percent of y = $(x/y) \times 100$

Calculation:

CP : SP = 5 : 6 --- (1) $\times 2$

SP : MP = 4 : 5 --- (2) $\times 3$

CP : SP : MP = 10 : 12 : 15 = $10x : 12x : 15x$

MP is more than CP by = $15x - 10x = 5x$

\therefore MP is more than CP by = $(5x/10x) \times 100 = 50\%$

Que. 57 Correct Option - 2

Let the length of train be T meters and that of platform be P meters, and let speed of train be S m/sec.

When train crosses a standing man, distance travelled is length of train at speed S m/sec.

We know, Time taken = Distance / Speed

$\Rightarrow T/S = 40$ - i)

When the same train crosses the platform at half its speed, it crosses the platform in 120 seconds.

In this case, speed will be 0.5S m/sec, and distance travelled will be sum of lengths of train and platform.

$\Rightarrow (T + P)/0.5S = 120$ -ii)

Divide equation ii) by i), we get

$2(T + P)/T = 3$

$\Rightarrow 2T + 2P = 3T$

$\Rightarrow T = 2P$

$\therefore T : P = 2 : 1$; ratio of lengths of train and platform is 2 : 1.

Que. 58 Correct Option - 5

Solution will be available on Monday

Que. 59 Correct Option - 4

Solution will be available on Monday

Que. 60 Correct Option - 3

Solution will be available on Monday

Que. 61 Correct Option - 5

Solution will be available on Monday

Que. 62 Correct Option - 3

Solution will be available on Monday

Que. 63 Correct Option - 4

3 : 1

Que. 64 Correct Option - 2

3 : 1

Que. 65 Correct Option - 2

Calculation:

I. $3x^2 - 18x + 15 = 0$

$\Rightarrow 3x^2 - 15x - 3x + 15 = 0$

$\Rightarrow 3x(x - 5) - 3(x - 5) = 0$

$\Rightarrow (x - 5)(3x - 3) = 0$

$\Rightarrow x = 5, 1$

II. $4y^2 - 84y + 320 = 0$

$\Rightarrow 4y^2 - 20y - 64y + 320 = 0$

$\Rightarrow 4y(y - 5) - 64(y - 5) = 0$

$\Rightarrow (y - 5)(4y - 64) = 0$

$\Rightarrow y = 5, 16$

Comparison between x and y (via tabulation):

Value of x	Value of y	Relation
5	5	$x = y$
5	16	$x < y$
1	5	$x < y$
1	16	$x < y$

$\therefore x \leq y$

Que. 66 Correct Option - 2

From I,

$$x^2 + 20x + 91 = 0$$

$$\Rightarrow x^2 + 13x + 7x - 91 = 0$$

$$\Rightarrow x(x + 13) + 7(x + 13) = 0$$

$$\Rightarrow (x + 7)(x + 13) = 0$$

Taking,

$$\Rightarrow x + 13 = 0 \text{ or } x + 7 = 0$$

$$\Rightarrow x = -13 \text{ or } x = -7$$

From II,

$$y^2 - 21y + 80 = 0$$

$$\Rightarrow y^2 - 16y - 5y + 80 = 0$$

$$\Rightarrow y(y - 16) - 5(y - 16) = 0$$

$$\Rightarrow (y - 16)(y - 5) = 0$$

Taking,

$$\Rightarrow y - 5 = 0 \text{ or } y - 16 = 0$$

$$\Rightarrow y = 5 \text{ or } y = 16$$

Comparison between x and y (via Tabulation):

x	Y	Relation
-13	5	$x < y$
-13	16	$x < y$
-7	5	$x < y$
-7	16	$x < y$

\therefore By comparing x and y, $x < y$.

Que. 67 Correct Option - 5

 **Shortcut Trick**

I. $14x^2 - 32x - 30 = 0$

There are three terms = a, b, and c

Where 'a' = value of x^2 , 'b' = Value of x, 'c' = 30

'c' is negative here.

II. $10y^2 - y - 24 = 0$

There are also three terms = a, b, and c

Where 'a' = value of y^2 , 'b' = Value of y, 'c' = 24

'c' is also negative here.

If the value of 'c' is negative in both statements, then the answer always be "**x = y or the relation between x and y can't be established.**"

Basic and conventional method is given below:

From I,

$$14x^2 - 32x - 30 = 0$$

$$\Rightarrow 14x^2 - 42x + 10x - 30 = 0$$

$$\Rightarrow 14x(x - 3) + 10(x - 3) = 0$$

$$\Rightarrow (14x + 10)(x - 3) = 0$$

Taking,

$$\Rightarrow 14x + 10 = 0 \text{ or } x - 3 = 0$$

$$\Rightarrow x = -5/7 \text{ or } x = 3$$

From II,

$$10y^2 - y - 24 = 0$$

$$\Rightarrow 10y^2 - 16y + 15y - 24 = 0$$

$$\Rightarrow 2y(5y - 8) + 3(5y - 8) = 0$$

$$\Rightarrow (5y - 8)(2y + 3) = 0$$

Taking,

$$\Rightarrow 2y + 3 = 0 \text{ or } 5y - 8 = 0$$

$$\Rightarrow y = -3/2 \text{ or } y = 8/5$$

Comparison between x and y (via Tabulation):

x	Y	Relation
-5/7	-3/2	$x > y$
-5/7	8/5	$x < y$
3	-3/2	$x > y$
3	8/5	$x > y$

$\therefore x = y$ or no relation found between x and y.

Que. 68 Correct Option - 5

 **Shortcut Trick**

I. $2x^2 + 8x - 90 = 0$

There are three terms = a, b, and c

Where 'a' = value of x^2 , 'b' = Value of x, 'c' = 90

'c' is negative here.

II. $25y^2 - 45y - 10 = 0$

There are also three terms = a, b, and c

Where 'a' = value of y^2 , 'b' = Value of y, 'c' = 10

'c' is also negative here.

If the value of 'c' is negative in both statements, then the answer always be "**x = y or the relation between x and y can't be established.**"

Basic and conventional method is given below:

Given:

I. $2x^2 + 8x - 90 = 0$

II. $25y^2 - 45y - 10 = 0$

Calculation:

I. $2x^2 + 8x - 90 = 0$

$$\Rightarrow (2x^2 + 8x - 90)/2 = 0/2$$

$$\Rightarrow x^2 + 4x - 45 = 0$$

$$\Rightarrow x^2 + 9x - 5x - 45 = 0$$

$$\Rightarrow x(x + 9) - 5(x + 9) = 0$$

$$\Rightarrow (x + 9)(x - 5) = 0$$

$$\Rightarrow x = (-9), 5$$

$$\text{II. } 25y^2 - 45y - 10 = 0$$

$$\Rightarrow (25y^2 - 45y - 10)/5 = 0/5$$

$$\Rightarrow 5y^2 - 9y - 2 = 0$$

$$\Rightarrow 5y^2 - 10y + y - 2 = 0$$

$$\Rightarrow 5y(y - 2) + 1(y - 2) = 0$$

$$\Rightarrow (y - 2)(5y + 1) = 0$$

$$\Rightarrow y = 2, (-1/5)$$

Value of 'x'	Relation	Value of 'y'
-9	<	2
-9	<	-1/5
5	>	2
5	>	-1/5

When we compared the values of X and Y in the table above, we found that there are THREE relations between X and Y i.e. >, = and <. So, a relation cannot be defined.

∴ After comparison all the values of x and y, the relation is “x = y or the relation between x and y can't be established.”

Que. 69 Correct Option - 1

Calculations:

From I,

$$3x - 18 = 0$$

$$\Rightarrow x = 18/3$$

$$\Rightarrow x = 6$$

From II,

$$2y^2 - 7y + 5 = 0$$

$$\Rightarrow 2y^2 - 2y - 5y + 5 = 0$$

$$\Rightarrow 2y(y - 1) - 5(y - 1) = 0$$

$$\Rightarrow (2y - 5)(y - 1) = 0$$

Taking,

$$\Rightarrow 2y - 5 = 0 \text{ or } y - 1 = 0$$

$$\Rightarrow y = 2.5 \text{ or } y = 1$$

Comparison between x and y (via Tabulation):

x	Y	Relation
6	2.5	x > y
6	1	x > y

∴ By comparing every root values, we get x > y.

Que. 70 Correct Option - 4

Let water in container A = $7x$
 Let rum in container A = $4x$
 Total volume of container A = $11x$

Volume of vodka in container B = volume of rum in container A
 volume of vodka in container B = $4x$
 Volume of rum in container B = $4x \times (7/8) = 3.5x$

Volume of rum in container B = vodka in container C
 vodka in container C = $3.5x$
 Volume of rum in container C = $2 \times 3.5x = 7x$

Volume of container B = volume of container C
 volume of water + $(3.5x + 4x) = 3.5x + 7x$
 volume of water + $7.5x = 10.5x$
 volume of water in container B = $3x$

Volume of water in container D = $2 \times$ water in container B
 Volume of water container D = $2 \times 3x = 6x$
 Volume of vodka in container D = $6x \times (5/3) = 10x$
 total volume of container D = $10x + 6x = 16x$
 Difference of volume in container A and D = $16x - 11x = 5x$
 $5x = 50$
 $x = 10$

value of x is solved and volume of every term is obtained in term of x , so on solving

LIQUID	A	B	C	D
WATER	70	30		60
RUM	40	35	70	
VODKA	-	40	35	100
TOTAL	110	105	105	160

Volume of container B = 105 l (given)
 Volume of containers C = 105 l (given)
 Total volume of container B and C = $105 + 105 = 210$ l
 Volume of container D = 160 l (given)
 Required ratio = 21 : 16

Que. 71 Correct Option - 4

Let water in container A = $7x$
 Let rum in container A = $4x$
 Total volume of container A = $11x$

Volume of vodka in container B = volume of rum in container A
 volume of vodka in container B = $4x$
 Volume of rum in container B = $4x \times (7/8) = 3.5x$

Volume of rum in container B = vodka in container C
 vodka in container C = $3.5x$
 Volume of rum in container C = $2 \times 3.5x = 7x$

Volume of container B = volume of container C
 volume of water + $(3.5x + 4x) = 3.5x + 7x$
 volume of water + $7.5x = 10.5x$
 volume of water in container B = $3x$

Volume of water in container D = $2 \times$ water in container B
 Volume of water container D = $2 \times 3x = 6x$
 Volume of vodka in container D = $6x \times (5/3) = 10x$
 total volume of container D = $10x + 6x = 16x$
 Difference of volume in container A and D = $16x - 11x = 5x$
 $5x = 50$
 $x = 10$

value of x is solved and volume of every term is obtained in term of x , so on solving

LIQUID	A	B	C	D
WATER	70	30		60
RUM	40	35	70	
VODKA	-	40	35	100
TOTAL	110	105	105	160

New volume of water in container A = $70 + 10 = 80$ l
 New volume of rum in container A = $40 - 10 = 30$ l
 New ratio = $8 : 3$

Que. 72 Correct Option - 4

Let water in container A = $7x$
 Let rum in container A = $4x$
 Total volume of container A = $11x$

Volume of vodka in container B = volume of rum in container A
 volume of vodka in container B = $4x$
 Volume of rum in container B = $4x \times (7/8) = 3.5x$

Volume of rum in container B = vodka in container C
 vodka in container C = $3.5x$
 Volume of rum in container C = $2 \times 3.5x = 7x$

Volume of container B = volume of container C
 volume of water + $(3.5x + 4x) = 3.5x + 7x$
 volume of water + $7.5x = 10.5x$
 volume of water in container B = $3x$

Volume of water in container D = $2 \times$ water in container B
 Volume of water container D = $2 \times 3x = 6x$
 Volume of vodka in container D = $6x \times (5/3) = 10x$
 total volume of container D = $10x + 6x = 16x$
 Difference of volume in container A and D = $16x - 11x = 5x$
 $5x = 50$
 $x = 10$

value of x is solved and volume of every term is obtained in term of x , so on solving

LIQUID	A	B	C	D

WATER	70	30		60
RUM	40	35	70	
VODKA	-	40	35	100
TOTAL	110	105	105	160

volume of water in container E = 30 L
 volume of rum in container E = 35 + 70 = 105 L
 volume of vodka in container E = 40 + 35 = 75 L

Que. 73 Correct Option - 2

Let water in container A = $7x$
 Let rum in container A = $4x$
 Total volume of container A = $11x$

Volume of vodka in container B = volume of rum in container A
 volume of vodka in container B = $4x$
 Volume of rum in container B = $4x \times (7/8) = 3.5x$

Volume of rum in container B = vodka in container C
 vodka in container C = $3.5x$
 Volume of rum in container C = $2 \times 3.5x = 7x$

Volume of container B = volume of container C
 volume of water + $(3.5x + 4) = 3.5x + 7x$
 volume of water + $7.5x = 10.5x$
 volume of water in container B = $3x$

Volume of water in container D = $2 \times$ water in container B
 Volume of water container D = $2 \times 3x = 6x$
 Volume of vodka in container D = $6x \times (5/3) = 10x$
 total volume of container D = $10x + 6x = 16x$
 Difference of volume in container A and D = $16x - 11x = 5x$
 $5x = 50$
 $x = 10$

value of x is solved and volume of every term is obtained in term of x , so on solving

LIQUID	A	B	C	D
WATER	70	30		60
RUM	40	35	70	
VODKA	-	40	35	100
TOTAL	110	105	105	160

volume of vodka in container B = 40 L
 volume of vodka in container C = 35 L
 volume of vodka in container D = 100 L
 required ratio = 8 : 7 : 20

Que. 74 Correct Option - 4

Let water in container A = $7x$
 Let rum in container A = $4x$

Total volume of container A = $11x$

Volume of vodka in container B = volume of rum in container A
 volume of vodka in container B = $4x$

Volume of rum in container B = $4x \times (7/8) = 3.5x$
 Volume of rum in container B = vodka in container C

vodka in container C = $3.5x$
 Volume of rum in container C = $2 \times 3.5x = 7x$

Volume of container B = volume of container C
 volume of water + $(3.5x + 4x) = 3.5x + 7x$
 volume of water + $7.5x = 10.5x$
 volume of water in container B = $3x$

Volume of water in container D = $2 \times$ water in container B
 Volume of water container D = $2 \times 3x = 6x$
 Volume of vodka in container D = $6x \times (5/3) = 10x$
 total volume of container D = $10x + 6x = 16x$
 Difference of volume in container A and D = $16x - 11x = 5x$
 $5x = 50$
 $x = 10$

value of x is solved and volume of every term is obtained in term of x , so on solving

LIQUID	A	B	C	D
WATER	70	30		60
RUM	40	35	70	
VODKA	-	40	35	100
TOTAL	110	105	105	160

total price of water in container A = $70 \times 0 = \text{Rs. } 0$
 total price of rum in container A = $40 \times 100 = \text{Rs. } 4000$
 \Rightarrow total cost = Rs. 4000

Que. 75 Correct Option - 4

Given :

Number of voters didn't participate in an election = 325

Winning votes = 325

Winners vote = 125% of another's vote

Terminology used :

The difference in the vote share of the participants is known as winning votes.

Common Mistake :

A **won** by x votes is often misguided as A **got** x votes.

Assumption :

Let A and B be the candidates of an election, In which A is a winning candidate.

Calculation :

Vote share of A is 25% higher than the vote share of B

Let, the vote share of B be $4x$

\Rightarrow Vote share of A = 125% of vote share of B = 125% of $4x = 5x$

\Rightarrow Winning votes = $5x - 4x = x = 325$

\Rightarrow Voter's didn't participate = Winning votes = $x = 325$

\Rightarrow Total voters = Votes of A + Votes of B + Voters who didn't participate.

\Rightarrow Total voters = $5x + 4x + x = 10x = 3250$

\therefore **The total number of voters is 3250 in an election.**

Que. 76 Correct Option - 4

GIVEN:

A started a business investing Rs. 3000. After 3 months, B joined the business investing Rs. 2000. After some more time, C joined the business investing Rs. 1500. At the end of the year, profit from the business was Rs. 1600 and share of C was Rs. 16000 out of the profit.

CONCEPT:

Profit will be shared according to the Investment and the time for which the investment is done.

CALCULATION:

Suppose C invested in the business for 'x' months.

So,

Ratio in which the profit will be shared among A, B and C

$$= (3000 \times 12) : (2000 \times 9) : (1500 \times x)$$

$$= 360 : 180 : 15x$$

$$= 24 : 12 : x$$

Now,

Share of C is given to be Rs. 1600 out of Rs. 16000.

Hence,

$$x/(24 + 12 + x) = 1600/16000$$

$$\Rightarrow x/(36 + x) = 1/10$$

$$\Rightarrow 10x = 36 + x$$

$$\Rightarrow x = 4$$

\therefore C invested amount for 4 months.

Que. 77 Correct Option - 2

Given:

Distance between P and Q = 300 km

Speed of boat P in still water = 32 km/h

Speed of boat Q in still water = 28 km/h

Formula Used:

Total Distance = Distance covered while going downstream + Distance covered while going upstream

Calculations:

Let the speed of the stream be x km/h.

Both the boats meet after t hours.

According to the question,

Total Distance = Distance covered while going downstream + Distance covered while going upstream

$$\Rightarrow (32 + x)t + (28 - x)t = 300$$

$$\Rightarrow 32t + xt + 28t - xt = 300$$

$$\Rightarrow 60t = 300$$

$$\Rightarrow t = 5 \text{ hours}$$

They will meet after 5 hours.

Que. 78 Correct Option - 1

GIVEN:

time taken by A to fill the cistern = 12 hours
 time taken by B to fill the cistern = 15 hours
 time taken by all three pipes to fill the cistern = 10 hours

EXPLANATION:

Let the third pipe empty the cistern in x hours

$$\text{part of cistern filled by all three pipes in one hour} = \frac{1}{12} + \frac{1}{15} - \frac{1}{x}$$

acc, to question

$$\frac{1}{12} + \frac{1}{15} - \frac{1}{x} = \frac{1}{10}$$

$$\Rightarrow x = 20 \text{ hours}$$



Important Point

the efficiency of emptying pipe is taken as negative

ALTERNATE SOLUTION:

Let the capacity of the tank be 60 units (L.C.M of 10, 12, 15)

the efficiency of A = 5 units

the efficiency of B = 4 units

the efficiency of (A + B + C) = 6 units

C's efficiency = (5 + 4) - 6 = 3 units

time taken by C to empty = $\frac{60}{3} = 20 \text{ hours}$

Que. 79 Correct Option - 1

Given:

Difference = Rs 24.5

Time = 2 years

Rate = 7%

Formula used:

Difference between CI and SI for 2 years = $\frac{PR^2}{100^2}$

P = Principal

R = Rate

Calculation:

Let Principal be X

Difference = Rs 24.5

$$\Rightarrow \text{C.I.} - \text{S.I.} = \frac{PR^2}{100^2}$$

$$\Rightarrow 24.5 = P \times \frac{(49/10000)}$$

$$\Rightarrow 245000 = 49P$$

$$\Rightarrow 5000 = P$$

∴ **The principal amount is Rs 5000**

Que. 80 Correct Option - 2

Given:

Selling Price = Rs. 3360

Discount = 8%

Loss = 16%

Profit = 15%

Formula Used:

$$C.P = S.P / (100 - \text{loss}\%) \times 100$$

$$M.P = C.P \times (100 + \text{profit}\%) / (100 - \text{discount}\%)$$

Calculation:

∴ according to the formula:

$$C.P = S.P / (100 - \text{loss}\%) \times 100$$

$$\Rightarrow C.P = 3360 / (100 - 16) \times 100$$

$$\Rightarrow C.P = (3360 / 84) \times 100$$

$$\Rightarrow C.P = 40 \times 100$$

$$\Rightarrow C.P = \text{Rs. } 4000$$

$$\therefore \text{Marked Price} = C.P \times (100 + \text{profit}\%) / (100 - \text{discount}\%)$$

$$\Rightarrow 4000 \times (100 + 15) / (100 - 8)$$

$$\Rightarrow 4000 \times (115 / 92)$$

$$\Rightarrow 4000 \times 1.25$$

$$\Rightarrow \text{Rs. } 5000$$

∴ **The marked price of the saree should be Rs. 5,000.**

Que. 81 Correct Option - 3

The correct answer is **Shehbaz Sharif**.



Key Points

- **Pakistan's parliament has elected Shehbaz Sharif** as the country's new Prime Minister following the removal of Imran Khan in a vote of no confidence.
- He will now form a new government that can remain in **place until August 2023**, when general elections are due.
- No Prime Minister has ever completed a five-year term in office during the country's nearly 75-year history.



Additional Information

- **Pakistan Prime Minister Imran Khan-led government was ousted from power on 9 April 2022 after he failed the no-confidence motion moved against him by the opposition.**
- He served as **the 22nd Prime Minister of Pakistan** since 2018.
- He is also a former cricketer.
- Khan scored 3,807 runs and **took 362 wickets in Test cricket** and was inducted into the ICC Cricket Hall of Fame.
- Pakistan's Army on 9 April 2022 conducted a successful flight test of the surface-to-surface medium-range ballistic missile Shaheen-III.

- Veteran politician, former Supreme Court judge, and **President of Pakistan, Rafiq Tarar passed away** at the age of 92 years in March 2022.
- The global money laundering and terrorist financing watchdog, **Financial Action Task Force (FATF)**, retained Pakistan on the grey list in March 2022.

Que. 82 Correct Option - 5

The correct answer is **Bihar**.

Key Points

- Union Minister for **Road Transport and Highways Nitin Gadkari** and State Chief Minister **Nitish Kumar** inaugurated the eastern end of the **Mahatma Gandhi Setu at Patna in the state of Bihar on 7 June 2022**.
- **Built over the river Ganges, Gandhi Setu connects Patna in the south to Hajipur in the North.**
- The bridge **has been reconstructed by the Ministry of Road Transport and Highways (MoRTH) at Rs 1,742 crore** under the Prime Minister's package to Bihar.
- The **eastern lane of the Mahatma Gandhi Setu, which was the longest bridge in the country for 35 years**, has been completed after five years.
- This bridge **will be a lifeline from Patna to north Bihar**, now the distance from Patna to Vaishali will be covered in 15 minutes.
- It is **made of steel instead of cemented**. This bridge is the **largest steel bridge in the country. It is 5.6 km long**.
- Such a steel bridge has been **constructed for the first time in the country. 67,000 tons of iron have been used** in its construction.
- It is known that **Mahatma Gandhi Setu has been constructed under 15 National Highway projects** at a cost of Rs.13,585 crore.

Additional Information

- The bridge was **originally inaugurated in 1982 by then PM Indira Gandhi**. The 5.57-km long bridge was in a **dilapidated condition in absence of proper maintenance before the Modi government** in 2016 approved the reconstruction of the four-lane bridge at an estimated cost of Rs 1,742 crore.
- The bridge was **constructed after dismantling the damaged pre-stressed cantilever arms** superstructure and subsequent re-decking by steel truss.
- The bridge can **now see about 1 lakh passenger car unit traffic daily**. The bridge will benefit Hajipur, Chhapra, Muzzafarpur, Samastipur, Darbhanga, Madhubani, Sitamarhi, Siwan and eastern Uttar Pradesh on the northern side and Patna, Ara, Arwal, Jahanabad, Nalanda, Gaya, Aurangabad, Sasaram and Jharkhand on the southern side.

Que. 83 Correct Option - 1

The correct answer is **Indonesia**.

Key Points

- **India's Men's Badminton team made history by winning their first-ever title in the Thomas Cup tournament, on 15th May 2022.**
- **The team defeated the 14 times champion Indonesia by 3 - 0 in the final held at the Impact Arena in Thailand.**
- **India has become the 6th different country to win the title.**
- **Lakshya Sen, Satwiksairaj-Chirag Shetty and Kidambi Srikanth** clinched stunning victories to help India script history.

Additional Information

- Some of the important sports tournaments and their winners in 2022 are mentioned below:
 - ICC Women's World Cup 2022 - Australia
 - ICC Under-19 Cricket World Cup 2022 - India
 - Men's singles title at the Australian Open 2022 - Rafael Nadal
 - Women's Hockey Asia Cup 2022 - Japan

Que. 84 Correct Option - 5

The correct answer is '**Jan Samarth portal**'

Key Points

- Prime Minister Narendra Modi launched a unified portal for the government's credit-linked schemes, aimed at improving the ease of living for citizens.
- The so-called "Jan Samarth portal" will act as a single platform for loan application and processing.
- It is a one-stop digital portal linking Government credit schemes and also a first-of-its-kind platform that directly connects beneficiaries to lenders.
- The main purpose of the Jan Samarth portal is to encourage inclusive growth and development of various sectors by guiding and providing them with the right type of government benefits through simple and easy digital processes.
- As many as 13 schemes and over 125 lending institutions have joined the portal, according to the ministry of finance.
- The portal can be used to avail loans for education, agricultural infrastructure, business activity and livelihood opportunities.
- Key state-owned lenders like the State Bank of India and large private lenders are part of the initiative.
- Prime Minister also released special series of one, two, five, ten and twenty rupees coins.
- These special series of coins will have the theme of the logo of Azadi Ka Amrit Mahotsav and will also be easily identifiable to visually impaired persons.

Que. 85 Correct Option - 1

The correct answer is National Health Authority.

Key Points

- The **National Health Authority** has announced the launch of a revamped **Ayushman Bharat Health Account (ABHA) mobile app**.
- It has been launched under its flagship scheme of **Ayushman Bharat Digital Mission (ABDM)**.
- The application enables an individual to create an **ABHA address (username@abdm)**, an easy-to-remember username that can be linked with the 14-digit randomly generated ABHA number.

Important Points

- The updated version of the ABHA app has a new **User Interface (UI) and added functionalities** that enable individuals to access their health records anytime and anywhere.
- The mobile application also enables users to **link their health records created at ABDM compliant health facility** and view them in their smartphones.
- The application also allows **self-uploading of physical health records** in the ABDM compliant health lockers along with sharing of digital health records such as diagnostic reports, prescriptions, CoWIN vaccination certificate etc. after the consent of an individual through the ABDM network.
- The **Ayushman Bharat Health Account (ABHA) Mobile App (previously known as NDHM Health Records or PHR App)** is available on the Google Play Store, and has over 4 lakh downloads.

Que. 86 Correct Option - 2

The correct answer is ‘**Vinay Mohan Kwatra**’

Key Points

- The Appointments Committee of the Cabinet has appointed Vinay Mohan Kwatra as the new foreign secretary of India.
- He will succeed Harsh Vardhan Shringla who will retire on April 30.
- Vinay Mohan Kwatra is a Seasoned diplomat and prior to this appointment, he was serving as India’s envoy to Nepal.
- Before his diplomatic posting to Nepal in 2020, he served as the Ambassador of India to France from August 2017 to February 2020.
- He is having extensive expertise in dealing with India’s neighbourhood as well as the US, China and Europe.
- A career diplomat with over 32 years of experience, Kwatra has also held the position of a Joint Secretary in the Prime Minister’s Office (PMO) for two years between October 2015 to August 2017.
- There is a possibility that Shringla may get an assignment after his retirement and he could be considered for the post of coordinator for the G-20 summit which India is hosting in late 2023.

Que. 87 Correct Option - 3

The correct answer is Odisha.

Key Points

- Dhanua Jatra is held in Odisha. It is a 11 day festival which began on January 2 in western Odisha.
- All rituals were performed before Goddess Samaleswari, the presiding deity of the event.
- Dhanua Jatra is an annual drama-based open air theatrical performance celebrated in and around Bargarh city spanning over an area of 6 km radius.
- It is considered to be the world’s largest open air theatrical festival.

Que. 88 Correct Option - 2

The correct answer is ‘**Brazil**’

Key Points

- The Australian High Commissioner to India Barry O’Farrell said “the Quad member countries have accepted India’s position on the crisis in Ukraine”.
- The Australian Prime Minister Scott Morrison held a virtual summit with Indian Prime Minister, Narendra Modi and they are set to discuss the situation in Ukraine.
- The Quad comprises India, Japan, Australia and the US.
- Except for India, the three other Quad member countries have been severely critical of Russia for its military aggression against Ukraine.
- However, the Quad Countries have agreed to set up a new humanitarian assistance and disaster relief mechanism.
- This mechanism will enable the Quad to meet future humanitarian challenges in the Indo-Pacific and provide a channel for communication as they respond to the crisis in Ukraine.

Que. 89 Correct Option - 4

The correct answer is **WHO**.

Key Points

- **India's 1 mn all-women ASHA** workers were awarded and honored by **WHO on 22 May 2022**.
- They were honoured for their outstanding contribution to advancing global health, demonstrated leadership and commitment to regional health issues.
- **Accredited Social Health Activists or ASHA** volunteers are Indian government's affiliated healthcare workers who are the first point of contact in rural India.

Important Points

- ASHAs worked to provide **maternal care and immunization for children** against vaccine-preventable diseases; community health care; treatment for **hypertension and tuberculosis**; and core areas of health promotion for nutrition, sanitation, and healthy living.
- The ceremony for the awards, which were established in **2019**, was part of the live-streamed high-level opening session of the **75th World Health Assembly**.

Additional Information

- **WHO:**
 - **Headquarters** - Geneva, Switzerland.
 - **Founded In** - 1948.
 - **Director-General** - Tedros Adhanom.

Que. 90 Correct Option - 4

The correct answer is '**AVSAR**'

Key Points

- The Airport Authority of India (AAI) has launched an initiative "AVSAR" to encourage the talent of women, artisans and craftsmen and provide them with the right opportunities.
- AVSAR stands for 'Airport as Venue for Skilled Artisans Of The Region'.
- Under "AVSAR", an opportunity to help the indigent to mobilize their households into functionally effective self-earned groups for self-reliance and self-dependence has been provided.
- SHGs operated by local women are showcasing and marketing their homemade local products like Puffed Rice, Pickles, Bamboo-based Ladies Bag/Bottle/Lamp Sets to the air travellers.
- Few outlets have already been commissioned at Chennai, Agartala, Dehradun, Kushinagar, Udaipur & Amritsar Airport.
- An area of 100-200 square feet has been earmarked at each AAI-operated airport and is being allotted to the self-help groups, turn on a turn basis, for a duration of 15 days.

Que. 91 Correct Option - 1

The correct answer is **Vinai Kumar Saxena**.

Key Points

- **Vinai Kumar Saxena** has been appointed new Lieutenant Governor of Delhi.
- Born on March 23, 1958, Saxena is **currently the chairman of the Khadi and Village Industries Commission (KVIC). He was appointed to the post in 2015.**
- Saxena will succeed **Anil Bajjal** who resigned from the post on May 18 citing "personal reasons".

Additional Information

- Delhi, officially **the National Capital Territory of Delhi (NCT)**, is a city and a union territory of India containing New Delhi, the capital of India.
- It is situated alongside River Yamuna and bordered by Haryana state on three sides and by Uttar Pradesh state to the east.
- **The States Reorganisation Act, 1956** created the Union Territory of Delhi from its predecessor, the Chief Commissioner's Province of Delhi.
- **The Constitution (Sixty-ninth Amendment) Act, 1991** declared the Union Territory of Delhi to be formally known as the National Capital Territory of Delhi.

Que. 92 Correct Option - 1

The correct answer is **V. Anantha Nageswaran.**

Key Points

- **V. Anantha Nageswaran** took charge on **28 January 2022.**
- He is the former executive with **Credit Suisse Group AG and Julius Baer Group.**
- He will **succeed Krishnamurthy Subramanian.**
- The **Chief Economic Adviser (CEA)** in the Finance Ministry, **advises the govt on economic matters and traditionally scripts the economic survey presented in Parliament a day before the Union budget presentation.**

Additional Information

- **Indian Entrepreneur and writer Jaithirth Rao**, popularly known as **Jerry Rao**, has come out with a book on **Mahatma Gandhi** titled **“Economist Gandhi: The Roots and the Relevance of the Political Economy of the Mahatma” in October 2021.**
- **Noted Economist and former Chief Economic Adviser** to the Government of India, **Dr. Shankar Acharya** has authored a new book titled **“An Economist at Home and Abroad: A Personal Journey” in November 2021.**
- French-born economist **Pierre-Olivier Gourinchas** has been **named as the chief economist of the International Monetary Fund (IMF).**
- **International Monetary Fund Chief Economist, Gita Gopinath** has taken over from **Geoffrey Okamoto** as the institution’s No. 2 official in December 2021.

Que. 93 Correct Option - 4

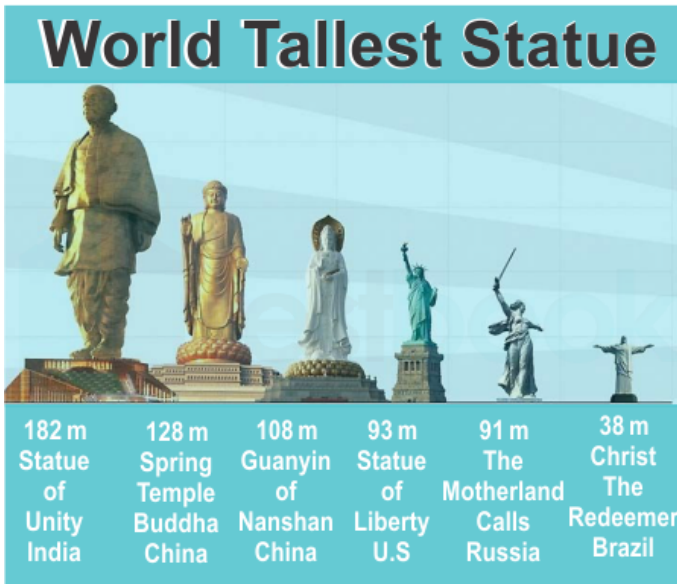
The correct answer is **146th.**

Key Points

- **National Unity Day or Rashtriya Ekta Diwas** is celebrated on **October 31** every year.
- The day was introduced by the Government of India in **2014** to mark the birth anniversary of **Iron Man of India - Sardar Vallabhbhai Patel.**
- This year marks the **147th birth anniversary** of the freedom fighter.
- He was the **first Deputy Prime Minister and Home Minister** of independent India.

Additional Information

- India’s tallest statue, the statue of Sardar Vallabhbhai Patel is located in the state of Gujarat, India.
- Statue of Unity has a height of 182 metres (597 ft) and is the world's tallest statue.
- It is located on the Sardar Sarovar Dam on river Narmada in Kevadiya colony, 100 kilometres (62 mi) southeast of the city of Vadodara.



Que. 94 Correct Option - 5

The correct answer is **M. Karunanidhi**.

Key Points

- In May, the then Vice President M Venkaiah Naidu unveiled a 16–feet tall bronze statue (standing on a 14–feet high pedestal) of Dravidian political leader and five-time Chief Minister of Tamil Nadu Late 'Kalaigñar' **M. Karunanidhi** in Chennai on May 28, 2022.
- The statue is located at the campus of the multi-super specialty government hospital at Omandurar Estate.
- The 16-feet high bronze statue is mounted on a 14-foot high pedestal.
- After the formal unveiling, the Vice President, accompanied by the chief minister and other leaders paid floral tributes to a portrait of Karunanidhi kept near the statue.

Additional Information

M. Karunanidhi

- Muthuvel Karunanidhi (3 June 1924 – 7 August 2018) was an Indian writer and politician who served as Chief Minister of Tamil Nadu for almost two decades over five terms between 1969 and 2011.
- He was popularly referred to as Kalaigñar (Artist) and Mutthamizh Arignar (Tamil Scholar) for his contributions to Tamil literature.
- He had the longest tenure as Chief Minister of Tamil Nadu with 6,863 days in office.
- He was also a long-standing leader of the Dravidian movement and ten-time president of the Dravida Munnetra Kazhagam political party.
- Karunanidhi has the record of never losing an election to the Tamil Nadu Assembly, having won 13 times since his first victory in 1957.

Que. 95 Correct Option - 4

The correct answer is **Ministry of Micro, Small and Medium Enterprises**.

Key Points

- Prime Minister's Employment Generation Programme (PMEGP) is a **credit-linked subsidy program**.
- It was **launched in 2008** for the generation of employment opportunities through the establishment of microenterprises in **rural and urban areas**.
- It is a central sector scheme being administered by the Ministry of **Micro, Small and Medium Enterprises (MSME)**.
- **Implementing Agency at the National Level is Khadi and Village Industries Commission(KVIC)**.
 - It is a statutory organization under the administrative control of the Ministry of MSME.
- **Features of the scheme are as follow-**
 - It allows entrepreneurs to set up factories or units.
 - Any individual **above 18 years of age is eligible for this scheme**.
 - Only **new projects/units are considered for sanction of loans**.
 - Maximum Cost of Project/Unit Admissible for **Manufacturing Sector is Rs. 25 lakh**.
 - Maximum Cost of Project/Unit Admissible for **Service Sector is Rs. 10 lakh**.
 - The government has decided to provide Subsidy in **Rural Areas** - 25% for the general category and 35% for the special category, which includes SC/ST/ OBC/Minorities, Northeast Region, Hill, and Border Areas. and, In **Urban Areas**- 15% for general category and 25% for special categories.
 - Under the scheme, loans are provided by **Public Sector Banks, Regional Rural Banks, Co-operative Banks, and Private Scheduled Commercial Banks approved by respective State Task Force Committee**.

Additional Information

- The Ministry of Micro, Small and Medium Enterprises, a branch of the Government of India.
- It is the apex executive body for the formulation and administration of rules, regulations, and laws relating to micro, small and medium enterprises in India.

Important Points

- The Minister of Micro, Small and Medium Enterprises is **Nitin Gadkari**.
- Constituency-**Nagpur**

Que. 96 Correct Option - 2

The correct answer is **B.V. Doshi**.

Key Points

- **Balkrishna Vithaldas Doshi** received the **Royal Gold Medal 2022** by the **Royal Institute of British Architects (RIBA)**, the world's highest honor for architecture.
- Many of his iconic buildings include the **Indian Institute of Management, Bangalore and Aranya Low-Cost Housing (1989), Indore**, which won the **Aga Khan Award for Architecture in 1995**.

Important Points

- The **Royal Gold Medal** is "approved personally by **Her Majesty The Queen** and is given to a person or group of people who have had a significant influence on the **advancement of architecture**".
- His buildings combine pioneering modernism with vernacular.
- His projects include **administrative and cultural facilities, housing developments and residential buildings**.
- Doshi's key projects include:
 - Shreyas Comprehensive School Campus (1958-63), Ahmedabad.
 - Atira Guest House (1958), Ahmedabad, low-cost housing.
 - The Institute of Indology (1962), Ahmedabad, a building to house rare documents.
 - Ahmedabad School of Architecture (1966, with additions until 2012) - renamed CEPT University in 2002 - which focused on creating spaces that promoted collaborative learning.

- Tagore Hall and Memorial Theatre (1967), a 700-seat Brutalist auditorium in Ahmedabad etc.

Que. 97 Correct Option - 4

Money laundering is the process of transforming the proceeds of crime and corruption into ostensibly legitimate assets. In a number of legal and regulatory systems, however, the term money laundering has become conflated with other forms of financial and business crime, and is sometimes used more generally to include misuse of the financial system (involving things such as securities, digital currencies, credit cards, and traditional currency), including terrorism financing and evasion of international sanctions. Most anti-money laundering laws openly conflate money laundering (which is concerned with source of funds) with terrorism financing (which is concerned with destination of funds) when regulating the financial system.

Que. 98 Correct Option - 2

The correct answer is **'Kalol'**

Key Points

- Prime Minister Narendra Modi inaugurated World's first Nano Urea (Liquid) Plant constructed at Indian Farmers Fertilizer Cooperative Ltd (IFFCO) at Kalol.
- The Nano Urea (Liquid) Plant has been built at the cost of around 175 crore rupees in an effort to further provide farmers the means to boost productivity and help increase their income.
- The ultramodern Nano Fertilizer Plant has been established keeping in mind the increase in crop yield through the use of Nano Urea.
- The Plant will produce about 1.5 lakh bottles of 500 ml per day.
- The cooperative sector of Gujarat has been a role model for the entire nation.
- There are more than 84 thousand cooperative societies in the state.
- The organization of the Seminar of leaders of various Cooperative institutions on 'Sahakar Se Samridhi' is yet another step towards further strengthening the cooperative movement in the state.
- He also addresses the Seminar of Leaders of various Cooperative Institutions on 'Sahakar Se Samridhi' at Mahatma Mandir in Gandhinagar.
- Prime Minister also inaugurated the newly built Matushri KDP Multispeciality Hospital in Atkot, Rajkot.

Que. 99 Correct Option - 4

The correct answer is **Manoj Pande.**

Key Points

- **Army Vice Lieutenant General Manoj Pande has become Chief of the Army Staff.**
- Previously, he served as **the General Officer-Commanding-in-Chief, Eastern Command.**
- The incumbent Army Chief General M.M. Naravane will retire by the end of April 2022.
- **General Naravane is the front runner for the post of Chief of Defence Staff** after the passing of General Bipin Rawat.

Additional Information

- **The Army Medical Corps (AMC) celebrated its 258th raising day on 3 April 2022.**
- The Corps has the motto of **“Sarve Santu Niramaya”** meaning **“Let all be free from disease and disability”**.
- Chief of Army Staff General MM Naravane left for Singapore on a three-day visit from 4-6 April 2022.

Que. 100 Correct Option - 4

The correct answer is **Dr. Tedros Adhanom Ghebreyesus.**

Key Points

- **Dr. Tedros Adhanom Ghebreyesus** is the **Director-General** of WHO.
- Former Ethiopian Health Minister Dr. Tedros Adhanom Ghebreyesus has been elected as the Director-General of the World Health Organisation.
- The election has earned the distinction of being the first election that saw the participation of all WHO member states in the voting process.
- Dr. Tedros Adhanom Ghebreyesus defeated the other two contenders to the post, namely, UK's Dr. David Nabarro and Pakistan's Dr. Sania Nishtar.

WHO works worldwide to **promote health, keep the world safe, and serve the vulnerable.**

Important Points

- World Health Organisation (WHO)
 - It **aims to achieve better health for everyone, everywhere.**
 - **Total members- 194**
 - **Founded- 7 April 1948.**
 - It is celebrated as **world health day.**
 - **Headquarters-** Geneva, Switzerland
 - **Director-General-** **Dr. Tedros Adhanom Ghebreyesus**
 - **WHO Regional Director for South-East Asia-** **Dr. Poonam Khetrpal Singh**

Additional Information

- **Margaret Chan Fung Fu-Chun**, OBE, JP, FRCP is a Chinese-Canadian physician, who served as the Director-General of the World Health Organization delegating the People's Republic of China for 2006–2017.
- **Roberto Carvalho de Azevêdo** is a Brazilian career diplomat who served as Director-General of the World Trade Organization from 2013 until 2020. Since 2020, he has been Executive Vice President and Director of Corporate Affairs at PepsiCo.
- **Christine Madeleine Odette Lagarde** is a French politician and lawyer who is the current President of the European Central Bank, a position she has held since 1 November 2019. Prior to this appointment and between July 2011 and September 2019, she was the Managing Director of the International Monetary

Que. 101 Correct Option - 5

The correct answer is **Barack Obama.**

Que. 102 Correct Option - 4

The correct answer is **It does not provide financial support to the beneficiaries.**

Key Points

Deen Dayal Antyodaya Yojana - National Livelihoods Mission (NRLM):

- The **Ministry of Rural Development (MoRD)**, Government of India launched the National Rural Livelihood Mission (NRLM) by **restructuring Swarnajayanti Gram Swarajgar Yojana (SGSY)** with effect from 1st April 2013. **Hence statements 1 and 2 are correct.**
- NRLM was renamed as **DAY-NRLM (Deendayal Antyodaya Yojana - National Rural Livelihoods Mission) w.e.f. March 29, 2016.**
- The DAY-NRLM is the flagship program of Govt. of India for promoting **poverty reduction through building strong institutions for the poor, particularly women**, and enabling these institutions to access a range of financial services and livelihoods. **Hence statement 3 is correct.**

- The Reserve Bank of India has raised the limit for collateral-free loans to Self-Help Groups (SHG) under the DAY-NRLM (Deendayal Antyodaya Yojana – National Rural Livelihoods Mission) from Rs. 10 lakhs to Rs. 20 Lakhs. **Hence statement 5 is correct.**

★ Important Points

Key Features of DAY-NRLM:

- It provides Revolving Fund (RF) to SHGs of Rs. **10,000-15,000** as a corpus to meet the members' credit needs directly and as catalytic capital for leveraging repeat bank finance. **Hence statement 4 is incorrect.**
- **At least one woman member from each identified rural poor household** is to be brought under the Self Help Group (SHG) network in a time-bound manner.
- Special emphasis is particularly on vulnerable communities such as **manual scavengers, victims of human trafficking, Particularly Vulnerable Tribal Groups (PVTGs), Persons with Disabilities (PwDs) and bonded labour.**
- **Community Investment Support Fund (CIF):** CIF would be provided by the Ministry of Rural Development (MoRD) to the SHGs promoted under DAY-NRLM.

Que. 103 | Correct Option - 2

The correct answer is Sukanya Samridhi Yojana.

Key Points

- Sukanya Samridhi Yojana
 - Sukanya Samridhi Yojana scheme is the new savings scheme introduced for the betterment of girl children.
 - It has been launched to offer a saving to the girl child in every family.
 - The tenure of the scheme is 21 years from the date of opening the account.
 - The scheme can be closed if the girl marries after 18 years of age.
 - Prime Minister Narendra Modi launched the scheme under the 'Beti Bachao Beti Padhao' campaign.
 - It aims to secure the future of a girl child.

★ Important Points

- Benefits of the Sukanya Samridhi Yojana scheme
 - Reduction of interest rate from 8.4% to 7.6%
 - Tax benefits of up to Rs 1.5 lakh
 - Transfer of account

Additional Information

- Suraksha Samridhi Yojana
 - The Mukhya Mantri Parivar Samridhi Yojna is a unique initiative of the Haryana Government.
 - It is one of the largest social security programmes in the country.
 - It is to secure the future of the underprivileged sectors of society.
 - It also ensures life and accidental insurance for farmers and unorganised workers of Haryana.
- Sukanya Bima Yojana
 - It is also known as the 'Girl Child Prosperity Account'.
 - Prime Minister Narendra Modi launched the scheme in 2015.
 - It is an Indian Government saving scheme for the girl child.
 - It encourages the parents to build a fund for the future education and marriage expenses for the child.
 - It is part of the '**Beti Bachao, Beti Padhao**' campaign.
- Suraksha Bima Yojana

- Pradhan Mantri Suraksha Bima Yojana is the Prime Minister's Safety Insurance Scheme.
- It is an accident insurance scheme.
- It was launched by Prime Minister Shri Narendra Modi in 2015.

Que. 104 Correct Option - 4

The correct answer is Sardar Vallabhbhai Patel.

Que. 105 Correct Option - 3

The correct answer is 'Harsh Kumar Jain'

Key Points

- Diplomat Harsh Kumar Jain is set to take charge as India's new envoy to Ukraine.
- Harsh Kumar Jain succeeds Partha Satpathy as the Indian envoy to Ukraine.
- At present, the embassy is operating from Warsaw in Poland amid the Russia-Ukraine war.
- He is an IFS Officer of 1993 Batch and is currently designated as an Additional Secretary in the Foreign Ministry.
- In 2017, he was appointed as the Ambassador of India to the Slovak Republic after being released from the Ambassador of India to the Republic of Kazakhstan.

Que. 106 Correct Option - 5

The correct answer is Japan 1-0.

Key Points

- **The Indian men's hockey team won bronze in Hockey Asia Cup 2022 held at Jakarta, Indonesia after defeating Japan 1-0.**
- **India captain Birendra Lakra** won the player of the match award for his sturdy defensive work.
- The 2022 Men's Hockey Asia Cup was the **eleventh edition** of the Men's Hockey Asia Cup.
- **South Korea won their fifth title** after a final win over Malaysia.

Additional Information

- The Indian men's hockey team slipped to 4th spot, but the women's team rose to number six in the latest **International Hockey Federation (FIH) World Rankings**, issued on 31 May 2022.
- **Australia** and the **Netherlands** continued to be the **world's number one ranked teams in the men's and women's ranking.**
- **The Federation Internationale de Hockey**, commonly known by International Hockey Federation (FIH), is the **international governing body of field hockey and indoor field hockey.**
- International Hockey Federation (FIH):
 - **Headquarters:** Lausanne, Switzerland
 - **President:** Seif Ahmed (as of August 2022)
 - **CEO:** Thierry Weil (Apr 2018–)
 - **Founded:** 7 January 1924, Paris, France
 - **Membership:** 137 national associations

Que. 107 Correct Option - 2

The correct answer is Ukraine.

★ Important Points

- **About North Atlantic Treaty Organization:**
 - It is an **intergovernmental military alliance**.
 - Established by the Washington treaty.
 - **Treaty that was signed on 4 April 1949.**
 - Headquarters: Brussels, Belgium.
 - Headquarters of Allied Command Operations — Mons, Belgium.
- **Composition:**
 - Since its founding, the admission of new member states has increased the alliance from the original 12 countries to 30.
 - The most recent member state to be added to NATO was **North Macedonia on 27 March 2020.**
 - NATO membership is open to “any other European state in a position to further the principles of this Treaty and to contribute to the security of the North Atlantic area.”

Que. 108 Correct Option - 5

The correct answer is **Toronto.**

Que. 109 Correct Option - 4

The correct answer is **Los Angeles.**



Key Points

- **The organisers of the Los Angeles 2028 Summer Olympic Games** have announced that the opening ceremony for the mega event will take place on July 14, 2028.
- **The Games will be running** through July 30, 2028.
- The LA28, which is the Organising Committee for the Olympic and Paralympic Games 2028 revealed that Paralympic Games will begin on August 15, 2028, and close on August 27.



Additional Information

- **The Summer Olympic Games**, also known as the Games of the Olympiad, are a major international multi-sport event normally held once every four years.
- The inaugural Games **took place in 1896 in Athens**, Greece, and most recently the 2020 Summer Olympics were celebrated in 2021 in Tokyo, Japan.
- The International Olympic Committee **was founded in 1894.**
- The first edition of The Olympic Games was held in Athens in 1896 and attracted just 245 competitors, of whom more than 200 were Greek, and only 14 countries were represented.

Que. 110 Correct Option - 5

The correct answer is **Pradhan Mantri Vaya Vandana Yojana.**

Que. 111 Correct Option - 5

The correct answer is **South Pacific Ocean.**

Que. 112 Correct Option - 3

The correct answer is **2.0.**



Key Points

- **India's total fertility rate (TFR)** has declined from **2.2 children in 2015-16 to 2 children per woman now**, the latest edition of the National Family Health Survey (NFHS) showed.
- The TFR is currently below **the replacement level of fertility of 2.1 children per woman**.
- According to the report, the median age at first birth among women aged 25-49 is 21.2 years.

Additional Information

- **The Total Fertility Rate (TFR)** is a standard demographic indicator.
- It is used internationally to estimate the average number of children that a woman would have over her childbearing years (i.e. age 15-49).
- **The replacement rate:**
 - The single most important factor in population growth is **the total fertility rate (TFR)**.
 - If, on average, women give birth to 2.1 children and these children survive to the age of 15, any given woman will have replaced herself and her partner upon death.
 - A TFR of **2.1** is known as **the replacement rate**.

Que. 113 Correct Option - 1

The correct answer is **14 years**.

Que. 114 Correct Option - 2

The correct answer is **Timothy Donald Cook**.



Key Points

- **Timothy Donald Cook** is an American business executive and industrial engineer.
 - Cook is the Chief Executive Officer of Apple Inc and previously served as the company's Chief Operating Officer under its founder Steve Jobs.

Additional Information

- **Kinam Kim** is the **President of the Device Solutions Division**. of Samsung Electronics Co.
- **Steve Jobs** was the chairman, (CEO), and co-founder of Apple Inc., the chairman and majority shareholder of Pixar, and the founder, chairman, and CEO of NeXT.
- **Satya Narayana Nadella** is the chief executive officer (CEO) of Microsoft.

Que. 115 Correct Option - 5

The correct answer is **Capital Local Area Bank**.

Que. 116 Correct Option - 3

The correct answer is **'Rajasthan'**.



Key Points

- **Rajasthan** Chief Minister Ashok Gehlot launched a scheme on the lines of the MGNREGA to provide 100 days of employment to families in urban areas.
- The scheme is known as Indira Gandhi Urban Employment Scheme.
- Any family that wants to increase their income at a time of high inflation could seek jobs under it.
- The scheme has been prepared after studying similar such programmes in other states, he added after launching the programme during a state-level event at Ambedkar Bhawan here.
- Ten women beneficiaries were presented job cards during the function.
- Under the scheme, projects on environment protection, water conservation, heritage conservation, maintenance of gardens, removal of encroachment, illegal sign boards, hoardings and banners, and

sanitation will be undertaken.

- People in the 18 to 60 age group are eligible for the scheme, under which at least 50 people in each ward of urban local bodies will be given employment.

Additional Information

- National Rural Employment Guarantee Act 2005 or NREGA, later renamed as the Mahatma Gandhi National Rural Employment Guarantee Act or MGNREGA in 2009, is an Indian labour law and social security measure that aims to guarantee the 'right to work'.
- It aims to enhance livelihood security in rural areas by providing at least 100 days of wage employment in a financial year to at least one member of every household whose adult members volunteer to do unskilled manual work.
- Women are guaranteed one third of the jobs made available under the MGNREGA.

Que. 117 Correct Option - 4

The Correct Answer is **(S)he should be a Graduate.**

Key Points

- **Eligibility for the election of President of India:**
 - (S)he should be a citizen of India
 - (S)he must have completed the age of 35 years
 - (S)he should be qualified for the election as a member of the Lok Sabha
 - (S)he must not hold any office of profit under the government of India or the Government of any State or under any local or other authority subject to the control of any of the Government (Article 58)

Important Points

- **The President of India** is the ceremonial head of state of India, and the **Indian Armed Forces Commander-in-Chief.**
- **An electoral college** comprising the Parliament of India (both houses) and the legislative assemblies of each of the states and territories of India, all of whom are themselves directly elected, indirectly elects the President.
- **Though Article 53 of the Constitution of India** provides that the President can, with a few exceptions, exercise his powers directly or through a subordinate authority, all the executive powers conferred on the President shall, in practice, be exercised by the Prime Minister (a subordinate authority) with the assistance of the Council of Ministers.

Que. 118 Correct Option - 5

The correct answer is the **Prevention of Money Laundering Act.**

Key Points

- The Reserve Bank of India introduced **Know your customer (KYC)** guidelines for all banks in 2002.
- In 2004, RBI directed that all banks ensure that they are fully acquiescent with the **KYC** provisions before **December 31, 2005.**
- The main aim of **KYC** was to prevent money laundering, terrorist financing, and theft.
- Banks should frame their **KYC** policies incorporating the following four key elements:
 - **Customer Acceptance Policy,**
 - **Customer Identification Procedures,**
 - **Monitoring of Transactions and**
 - **Risk Management.**

- Money laundering is the process of making large amounts of money generated by criminal activity, such as drug trafficking or terrorist funding, appear to have come from a legitimate source.
- **The Prevention of Money Laundering Act was introduced in 2002 and came into force with effect from 2005.**

Que. 119 Correct Option - 1

The correct answer is Varuna.

Key Points

- **PM Narendra Modi** on 20 July 2022 unveiled '**Varuna**', **India's first passenger drone in New Delhi**.
- Varuna has been developed by a startup 'Sagar Defence Engineering' specifically for the Indian Navy.
- It can carry a 130 kg human payload & **has a range of 25 km**.
- It has 25-33 minutes of flight time

Additional Information

- Sagar Defence Engineering founded: **2015**
- Headquarters: **Mumbai**
- CEO: **Nikunj Parashar**
- **Important Current Affairs Related to PM Narendra Modi:**
 - **Prime Minister Narendra Modi** inaugurated the Akshaya Patra Foundation's new mid-day kitchen in Varanasi on 7 July 2022.
 - **PM Narendra Modi on 7 July 2022 inaugurated 'Akhil Bhartiya Shiksha Samagam'** on implementation of the National Education Policy (NEP) in Varanasi.
 - The Ministry of Education is organising **Shiksha Samagam from 7th to 9th July '22**.
 - PM Modi laid the foundation stone and inaugurated several projects worth 33000 crore rupees **in Bengaluru on 20 June 2022**.
 - **Prime Minister Narendra Modi** inaugurated '**Kranti Gatha**' on 14 June 2022.
 - PM Modi on 10 June 2022 inaugurated the headquarters of the **Indian National Space Promotion and Authorisation Centre (IN-SPACe)** at Bopal **in Ahmedabad, Gujarat**.
 - IN-SPACe was established **in June 2020**.
 - **PM Modi on 28 May 2022 inaugurated** the world's first Nano Urea Liquid plant by IFFCO **at Kalol, Gujarat**.
 - IFFCO nano urea liquid was developed through proprietary technology at **Nano Biotechnology Research Centre in Kalol**.
 - PM Modi is going to release benefits **under the PM CARES** for Children Scheme on 30 May 2022.

Que. 120 Correct Option - 3

The correct answer is Biju Menon.

Key Points

- **Biju Menon** won the best supporting actor award in the 68th National Film Awards 2022.
- Biju Menon is an Indian actor who predominantly appears in Malayalam films.
- He won this for the film **Ayyappanum Koshiyum**.

Additional Information -

- **Best Feature Film:** Soorarai Pottru
- **Best Director:** Sathy, Ayyappanum Koshiyum
- **Best Popular Film Providing Wholesome Entertainment:** Tanhaji

- **Best Actor:** Suriya for Soorarai Pottru and Ajay Devgn for Tanhaji
- **Best Supporting Actress:** Lakshmi Priya Chandramouli, Sivaranjaniyum Innam Sila Pengallum

Que. 121 Correct Option - 3

The correct answer is '**Developing countries**'.

 **Key Points**

Que. 122 Correct Option - 2

The correct answer is '**Developing countries**'.

 **Key Points**

Que. 123 Correct Option - 2

The correct answer is '**Disruption in the supply chain by the war**'.

 **Key Points**

Que. 124 Correct Option - 1

The correct answer is '**Palm oil**'.

 **Key Points**

Que. 125 Correct Option - 5

The correct answer is '**Ukraine**'.

 **Key Points**

Que. 126 Correct Option - 4

The correct answer is '**Russia's invasion of Ukraine**'.

 **Key Points**

Que. 127 Correct Option - 5

The correct answer is '**plight**'.

 **Key Points**

Que. 128 Correct Option - 3

The correct answer is '**finished**'.

Que. 129 Correct Option - 2

The correct answer is '**propose**'.

 **Key Points**

- The phrasal verb 'put forward' means recommend as a suitable option.

- Clearly, *propose* is the correct meaning of *put forward*.

Hence, the correct answer is **Option 2**.

Que. 130 Correct Option - 1

The correct answer to this question is '**vestal**'.

 **Key Points**

- The word '**essential**' is an adjective and it means something **absolutely necessary; extremely important**.
- Let us take a look at the meaning of the marked word:
 - vestal ⇒ relating to the Roman goddess Vesta.
- Other words like *necessary*, *crucial*, *indispensable* and *vital* have similar meanings as *essential*.

Hence, the correct answer is **Option 2**.

Que. 131 Correct Option - 2

The correct answer is **option 2) i.e. firm, domestic**.

 **Key-Points**

- From the context of the sentence, the adjectives should be used in the given blanks.
- Let us explore the options:
 - The **first option** is **incorrect** as 'firmly' is used as an adverb in the sentence. 'Domestic' is still okay for the second blank but 'firmly' is not fit for the first blank.
 - The **second option** is **correct** as 'firm' is used as an adjective to describe the noun 'trend'. 'Domestic' is also used as an adjective to describe the noun 'market'.
 - The **third option** is **incorrect** as 'domestics' is used as a noun. 'Firm' is still okay for the first blank but 'domestics' is not fit for the second blank.
 - The **fourth option** is **incorrect** as 'firms' is used as a noun and 'domestically' is used as an adverb.
 - The **fifth option** is **incorrect** as 'firmed' is used as the past form of the verb and 'domesticate' is also used as the verb.
- Hence, the correct option is "**firm, domestic**".

Complete Sentence: According to brokers, a **firm** trend in Asia accelerates buying activity in the **domestic** market.

 **Important Point**

- Important Tips and Tricks to solve double fillers:**
 - Do not read options:** Read the sentence and think of a word that 'fits' the sentence. Now go to the options and choose the word that best replaces the word that you had thought of initially.
 - Elimination method:** In certain questions, our knowledge and understanding of vocabulary and common idioms-phrases may be tested. Hence, be sure to have a good skill set of such phrases.
 - Use grammar clues:** Keep a close watch at the tense of the sentence, subject-verb agreement, whether the blank in the sentence is after the article 'an' etc.
 - Use Connotation:** Each word expresses two things: a definition and a connotation. A connotation is a positive, negative, or neutral feeling that is implied by or associated with a word.
 - Identify the Indicators:** Indicators tell us what is coming up. They indicate if the question is moving to draw a contrast with something stated previously, or support something stated

previously.

Que. 132 Correct Option - 5

The correct answer is **option 5**) i.e. **triggered, financial**.

Key-Points

- From the context of the sentence, a past participle form of the verb and an adjective should be used respectively in the given blanks.
- Let us explore the options:
 - The **first option** is **incorrect** as 'triggers' is used as a third-person present form of the verb. 'Financially' is used as an adverb.
 - The **second option** is **incorrect** as 'triggering' is used as a present participle form of the verb. 'Financial' is still okay for the second blank but 'triggering' is not fit for the first blank.
 - The **third option** is **incorrect** as 'trigger' is used as the base form of the verb. 'Financing' is used as a noun.
 - The **fourth option** is **incorrect** as 'finances' is used as a noun. 'Triggered' is still okay for the first blank but 'finances' is not fit for the second blank.
 - The **fifth option** is **correct** as 'triggered' is used as the past participle form of the verb and 'financial' is used as an adjective describing the noun 'needs'.
- Hence, the correct option is "**triggered, financial**".

Complete Sentence: *The pandemic **triggered** a range of new **financial** needs, particularly around liquidity, for many retail and business customers.*



Important Point

- Important Tips and Tricks to solve double fillers:
 - **Do not read options:** Read the sentence and think of a word that 'fits' the sentence. Now go to the options and choose the word that best replaces the word that you had thought of initially.
 - **Elimination method:** In certain questions, our knowledge and understanding of vocabulary and common idioms-phrases may be tested. Hence, be sure to have a good skill set of such phrases.
 - **Use grammar clues:** Keep a close watch at the tense of the sentence, forms of the verb, subject-verb agreement, whether the blank in the sentence is after the article 'an' etc.
 - **Use Connotation:** Each word expresses two things: a definition and a connotation. A connotation is a positive, negative, or neutral feeling that is implied by or associated with a word.
 - **Identify the Indicators:** Indicators tell us what is coming up. They indicate if the question is moving to draw a contrast with something stated previously, or support something stated previously.

Que. 133 Correct Option - 2

The correct answer is **option 2**) i.e. **likely, sharp**.

Key-Points

- From the context of the sentence, an adverb and an adjective should be used respectively in the given blanks.
- Let us explore the options:

- The **first option** is **incorrect** as 'likes' is acting as a third-person singular verb and 'sharps' is acting as a noun.
- The **second option** is **correct** as 'likely' is acting as an adverb and modifying the verb 'see'. 'Sharp' is acting as an adjective describing the noun 'increase'.
- The **third option** is **incorrect** as 'liking' is the present participle form of the verb and 'sharping' is acting as a noun.
- The **fourth option** is **incorrect** as 'sharpen' is acting as a verb. 'Likely' is still okay for the first blank but 'sharpen' is not fit for the second blank.
- The **fifth option** is **incorrect** as 'like' is acting as a verb. 'Sharp' is still okay for the second blank but 'like' is not fit for the first blank.
- **Hence**, the correct option is "**likely, sharp**".

Complete Sentence: *Emerging-market banks will likely see a sharp increase in credit losses in 2020.*



Important Point

- Important Tips and Tricks to solve double fillers:
 - **Do not read options:** Read the sentence and think of a word that 'fits' the sentence. Now go to the options and choose the word that best replaces the word that you had thought of initially.
 - **Elimination method:** In certain questions, our knowledge and understanding of vocabulary and common idioms-phrases may be tested. Hence, be sure to have a good skill set of such phrases.
 - **Use grammar clues:** Keep a close watch at the tense of the sentence, subject-verb agreement, whether the blank in the sentence is after the article 'an' etc.
 - **Use Connotation:** Each word expresses two things: a definition and a connotation. A connotation is a positive, negative, or neutral feeling that is implied by or associated with a word.
 - **Identify the Indicators:** Indicators tell us what is coming up. They indicate if the question is moving to draw a contrast with something stated previously, or support something stated previously.

Que. 134 Correct Option - 3

The correct answer is '**Assurance, Apology**'



Key Points

Here, a basic knowledge of parts of speech can help you to find the correct answer at once.

The words **verbal and written** are adjectives which tell you that they are indicating some noun in the blank. Other words like **assure** (verb), **Assuring**(gerund/participle), **assured**(past participle) don't fit in the blank.

So the correct word that would fit in the blank is **assurance**.

Similarly the second blank also requires a noun, hence **apology** is the correct answer.

Hence, the correct answer is option 3.

Que. 135 Correct Option - 2

The correct answer is **option 2) i.e. growing, started**.



Key-Points

- From the context of the sentence, the verbs should be used in the given blanks.
- Let us explore the options:
 - The **first option** is **incorrect** as 'grown' is the past participle form of the verb. 'Started' is still okay for the second blank but 'grown' is not fit for the first blank.

- The **second option** is **correct** as 'growing' is the present participle of the verb, the present perfect continuous is formed using *has/have + been + present participle* and 'started' is the past tense of the verb.
- The **third option** is **incorrect** as 'grow' is the base or simple form of the verb. 'Started' is still okay for the second blank but 'grow' is not fit for the first blank.
- The **fourth option** is **incorrect** as 'starting' is the present participle of the verb. 'Growing' is still okay for the first blank but 'starting' is not fit for the second blank.
- The **fifth option** is **incorrect** as 'grows' is the third person present form of the verb.
- **Hence**, the correct option is "**growing, started**".

Complete Sentence: *Interest to serve the merchants has been **growing** since digitization **started** at the merchant's end.*



Important Point

- Important Tips and Tricks to solve double fillers:
 - **Do not read options:** Read the sentence and think of a word that 'fits' the sentence. Now go to the options and choose the word that best replaces the word that you had thought of initially.
 - **Elimination method:** In certain questions, our knowledge and understanding of vocabulary and common idioms-phrases may be tested. Hence, be sure to have a good skill set of such phrases.
 - **Use grammar clues:** Keep a close watch at the tense of the sentence, subject-verb agreement, whether the blank in the sentence is after the article 'an' etc.
 - **Use Connotation:** Each word expresses two things: a definition and a connotation. A connotation is a positive, negative, or neutral feeling that is implied by or associated with a word.
 - **Identify the Indicators:** Indicators tell us what is coming up. They indicate if the question is moving to draw a contrast with something stated previously, or support something stated previously.

Que. 136 Correct Option - 3

The correct answer is **option 3**) i.e. **set, protect**.



Key-Points

- From the context of the sentence, a verb and an infinitive should be used respectively in the given blanks.
- Let us explore the options:
 - The **first option** is **incorrect** as 'sets' is used as the noun which is not correct as per the context. 'Protected' is used as the past form of the verb.
 - The **second option** is **incorrect** as 'protecting' is used as the present participle form of the verb. 'Set' is still okay for the first blank but 'protecting' is not fit for the second blank.
 - The **third option** is **correct** as 'set' is used as the singular verb for the singular subject 'companies' and 'protect' is the base form of the verb which is correct to be used as a to-infinitive.
 - The **fourth option** is **incorrect** as 'setting' is the present participle form of the verb. 'Protect' is still okay for the second blank but 'setting' is not fit for the first blank.
 - The **fifth option** is **incorrect** as 'protects' is the third person present form of the verb. 'Set' is still okay for the first blank but 'protects' is not fit for the second blank.
- **Hence**, the correct option is "**set, protect**".

Complete Sentence: *Companies **set** work from home hours to **protect** personal time.*



Important Point


- Important Tips and Tricks to solve double fillers:
 - **Do not read options:** Read the sentence and think of a word that 'fits' the sentence. Now go to the options and choose the word that best replaces the word that you had thought of initially.
 - **Elimination method:** In certain questions, our knowledge and understanding of vocabulary and common idioms-phrases may be tested. Hence, be sure to have a good skill set of such phrases.
 - **Use grammar clues:** Keep a close watch at the tense of the sentence, subject-verb agreement, whether the blank in the sentence is after the article 'an' etc.
 - **Use Connotation:** Each word expresses two things: a definition and a connotation. A connotation is a positive, negative, or neutral feeling that is implied by or associated with a word.
 - **Identify the Indicators:** Indicators tell us what is coming up. They indicate if the question is moving to draw a contrast with something stated previously, or support something stated previously.

Que. 137 Correct Option - 4

The correct answer is **option 4.**

Key Points

- The error in part D of a sentence, the error is in usage '**secret**'
- Here, we need to use the adverb form of '**secret**'
- Hence we need to replace '**secret**' with '**Secretly**'

Correct sentence - *Wuhan Institute of Virology, a leading coronavirus research center, is responsible for introducing a new coronavirus that it was **secretly** creating in its laboratories.* 

Additional Information

- Adverbs usually end with 'ly'.
- If any additional information is given regarding verbs then it is considered as an adverb.
- In the given sentence the adverb **Secretly** Describes the verb **Creating**.

Que. 138 Correct Option - 1

The correct answer is **option 1.**

Key Points

- Error is in part A of a sentence, the error is in the usage of **More anticipated**
- adverb '**More**' is incorrectly used. It should be replaced with '**Much**'
- '**More**' is a word that is mainly used for **comparison**.
- '**Much**' is mainly used with uncountable nouns.

Correct answer- *Ahead of a **much** anticipated Cabinet reshuffle, the Rashtrapati Bhavan on Tuesday announced a slew of gubernatorial appointments.* 

Additional Information


- **Adjective** is the word which gives additional information regarding the noun

Que. 139 Correct Option - 4

The correct answer is **option 4**.

 **Key Points**

- The error in part D of a sentence, the error is in usage '**sole**'
- Here, we need to use the adverb form of '**sole**'
- Hence we need to replace '**sole**' with '**solely**'

Correct sentence - *The jurisdiction of the KRMB covering all off takes of irrigation and power on common reservoirs to stop indiscriminate draw **solely** for power generation by Telangana.* 

 **Additional Information**

- Adverbs usually end with 'ly'.
- If any additional information is given regarding verbs then it is considered as an adverb.
- In the given sentence the adverb ostensibly **Solely** the verb **Stop**.

Que. 140 Correct Option - 2

The correct answer is '**B**', i.e **this part of the sentence has an error**.

 **Key Points**

- The sentence talks about the eligibility of the employees for an institute.
- The date mentioned is in the past, and the sentence is in the **Past indefinite tense**.
- The 'employees' are plural, the plural form of the verb '**was**' i.e, '**were**' will be used.
- Therefore the correct answer is '**were employed**'.

Hence, the correct option is **option 2**.

The correct sentence is: *Among those eligible include all employees who **were employed** at the district on or before Jan. 25, 2022, and had completed a contract for 2021-2022.*

Que. 141 Correct Option - 2

The correct answer is **Option 2** i.e. **B**.

 **Key Points**

- The error lies in **part B**. **✗**
- Remove '*will*' in **part B** of the sentence.
- This is an example of **type 1** conditional sentence, '*If the bus **does not get the signal***', is in the simple present tense.
- The reaction, '*it will not leave the stand*' is in the future tense.
- The structure of **type 1 conditional** sentence is:

If clause	Main clause
If + simple present	simple future
If this thing happens	that thing will happen.

If clause	Main clause
<i>If I run</i>	<i>I will not stop till I reach the border.</i>

✦ **Correct sentence:** *If the bus **does not** get the signal, it will not leave the stand. The bus needs to be ready for departure and there should not be any problems in the journey.* ✓

Additional Information

- The **type 1 conditional** refers to a *possible condition and its probable result*. These sentences are based on facts, and they are used to make statements about the **real world**, and about **particular situations**. We often use such sentences to *give warnings*. In type 1 conditional sentences, the time is the **present or future** and the situation is **real**.
 - **Example:** *If you don't hurry, you will miss the bus.*
 - Meaning that in the present 'if' the subject '**you**' does not hurry, the bus (in future) will be missed.

Que. 142 Correct Option - 1

The correct Answer is **Option 1**.

Key Points

- This sentence is an example of the *Possessive Case of Nouns*.
- A **possessive noun is a noun that possesses something**.
- Here, **Madhuri possesses body**, and we denote this by use of *an apostrophe + s* at the end of 'Madhuri' i.e. **Madhuri's**.

Correct sentence: *"When her husband saw **Madhuri's** body, upside down in the water, he got scared; he thought suddenly, it was because of him and a spurt of triumph went through him."*

★ **Important Points**

- If the **possessor** is a *building, an object, or a piece of furniture*, you **don't need to add an apostrophe to show possession**.

Additional Information

- The *possessive case shows ownership*. With the addition of **'s (or sometimes just the apostrophe)**, a noun can change from a simple person, place, or thing to a person, place, or thing that owns something.

Que. 143 Correct Option - 3

The Correct Answer is **Option 3**.

Key Points

- The error is in **part D** of the sentence.
- In the given sentence, the format is *noun+preposition+noun*.
The rule says: If a **preposition** comes after a **noun** and then the **same noun** is repeated, the noun should be used in a **singular form**. Thus, the verb accompanying the noun will be used accordingly i.e. **singular**.
- Hence, instead of *weeks after weeks*, **week after week** is correct.

- Here, 'after' is the preposition that is used before and after the noun 'weeks' So, the noun should be singular *i.e.* **week**.

Correct sentence: "Assembling a team that will almost certainly be defeated—that will face bigger, stronger, more talented competition, **week after week**—verges on the morally macabre."

Additional Information

'After' acts as a preposition and conjunction both. After means 'later than' and 'next in time or place'.

- After can be used before a noun phrase (as a preposition):
 - Shall we have a swim *after* lunch?
 - The bank is just *after* the park, on the left.
- After can introduce a clause (as conjunction):
 - *After* I left him a message, he phoned me immediately.
 - She did voluntary work in a hospital *after* she graduated.
- Some examples of the above format are:
 - Wicket after wicket
 - Door to doors
 - Train after train
 - Page after page

Que. 144 Correct Option - 5

The correct answer is 'E.'

Key Points

- Let us explore the options:-
 - 'Operative' means **Functioning or having an effect.**
 - 'Behaviour' means **The way in which one acts or conducts oneself, especially towards others.**
 - 'Promotion' means **Activity that supports or encourages a cause, venture, or aim.**
 - 'Equality' means **The state of being equal, especially in status, rights, or opportunities.**
 - 'Fratarnity': There is no such word in English or we can say that there is some spelling mistake in this word.
 - The correct spelling is 'Fraternity' means **Friendship and mutual support within a group.**

Hence, the correct answer is **option 5**.

Correct Sentence: *The operative constitutional principle in social behavior should be the promotion of equality and **fraternity**.*

Additional Information

- The **synonyms** of the word 'Fraternity' are "**Fellowship, Kinship, Friendship**".
- **Example of 'Fraternity' in a sentence:**
 - *There is a strong spirit of **fraternity** among these isolated people.*

Que. 145 Correct Option - 5

The correct answer is 'E.'

Key Points

- Let us explore the options:-

- 'Authority' means **A person or organization having political or administrative power and control.**
- 'Circumvent' means **To find a way around an obstacle.**
- 'Provision' means **The action of providing or supplying something for use.**
- 'Advantage' means **A condition or circumstance that puts one in a favorable or superior position.**
- 'Ommision': There is no such word in English or we can say that there is some spelling mistake in this word.
 - The correct spelling is 'Omission' means **A person or thing that has been left out or excluded.**

Hence, the correct answer is **option 5**.

Correct Sentence: *A constitutional authority cannot circumvent a provision of the Constitution by taking advantage of an **omission**.*

Additional Information

- The synonyms of the word 'Omission' are "**Deletion, Cut, Exclusion**".
- **Example of 'Omission' in a sentence:**
 - *The play was shortened by the **omission** of two scenes.*

Que. 146 Correct Option - 1

The correct answer is 'A.'

Key Points

- **Let us explore the options:-**
 - 'Reference': There is no such word in English or we can say that there is some spelling mistake in this word.
 - The correct spelling is 'Reference' means **Looking at something for information.**
 - 'Language' means **The system of communication in speech and writing that is used by people of a particular country.**
 - 'Education' means **A body of knowledge acquired while being educated.**
 - 'Promotion' means **Activity that supports or encourages a cause, venture, or aim.**
 - 'Expression' means **Something that you say that shows your opinions or feelings.**

Hence, the correct answer is **option 1**.

Correct Sentence: *The scope of the HRD Ministry with **reference** to language extends to education and the promotion of cultural expression.*

Additional Information

- The synonyms of the word 'Reference' are "**Referral, Remission, Direction**".
- **Example of 'Reference' in a sentence:**
 - *You should keep the book for future **reference**.*

Que. 147 Correct Option - 1

The correct answer is 'A.'

Key Points

- **Let us explore the options:-**

- 'Morally': There is no such word in English or we can say that there is some spelling mistake in this word.
 - The correct spelling is 'Morally' means **In a way that is considered right according to the code of behavior of a particular society.**
- 'Politically' means **In a way that relates to the political ideas or beliefs of a person or group.**
- 'Entitled' means **Believing oneself to be inherently deserving of privileges or special treatment.**
- 'Significant' means **Important or large enough to be noticed.**
- 'Population' means **The number of people who live in a particular area, city, or country.**

Hence, the correct answer is **option 1.**

Correct Sentence: *We are **morally** and politically entitled to ask if the dream of Marine Le Pen has become that of a significant portion of the French population?*

Additional Information

- The **synonyms** of the word 'Morally' are "**Purely, Righteously, Virtuously**".
- **Example of 'Morally' in a sentence:**
 - *They thought slavery was **morally** wrong.*

Que. 148 Correct Option - 2

The correct answer is 'B.'

Key Points

- **Let us explore the options:-**
 - 'Spewing' means **Expelling large quantities of something rapidly and forcibly.**
 - 'Inflammatory': There is no such word in English or we can say that there is some spelling mistake in this word.
 - The correct spelling is 'Inflammatory' means **Arousing or intended to arouse angry or violent feelings.**
 - 'Abetting' means **Encouraging or assisting someone to do something wrong, in particular, to commit a crime.**
 - 'Belittle' means **To dismiss someone or something as unimportant.**
 - 'Betray' means **To hurt somebody who trusts you, especially by not being loyal or faithful to him/her.**

Hence, the correct answer is **option 2.**

Correct Sentence: *The spewing of hatred by **inflammatory** words and any abetting of those by elements in power belittle the Constitution and betray the people of India.*

Additional Information

- The **synonyms** of the word 'Inflammatory' are "**Provoking, Inflaming, Inciting**".
- **Example of 'Inflammatory' in a sentence:**
 - *Barely a week went by without him making **inflammatory** comments of some kind.*

Que. 149 Correct Option - 4

The given sentence shows the use of conjunctions, indicating that they are meaningfully related to each other.

Out of the given sentences, **only sentence R talks about providing a 'Data'** while others give more information about it.

So, there are two sentences which are starting with sentence P. Let us take a look at both of them.

Sentence Q introduces the first town i.e. Durant.

Out of the given options, option 4 reflects this order i.e. RQ.

Therefore, the correct answer is option 4.

Que. 150 Correct Option - 2

The given sentence shows the use of conjunctions, indicating that they are meaningfully related to each other.

Out of the given sentences, **only sentence S introduces the topic i.e. 'Misconceptions about Picks and its cure'** while others give more information about it.

So, there are two sentences which are starting with sentence S. Let us take a look at both of them.

Sentence T explains about someone who is suffering from the disorder.

Out of the given options, option 2 reflects this order i.e. ST.

Therefore, the correct answer is option 2.

Que. 151 Correct Option - 5

The correct answer is 'CEDAB'

 **Key Points**

- The sentence 'C' is independent of any other sentence as the sentence talks about the black hole at the centre of the Perseus galaxy being associated with sound. Hence 'C' is the **first part**.
- The sentence 'E' is talking about the black hole being associated with sound because pressure waves sent out by the black hole caused ripples in the cluster's hot gas. Hence 'E' follows 'C'.
- In the sentence 'D' we read about a new sonification bringing more notes to this black hole. Hence 'D' follows 'E'.
- In the sentence, 'A' the sentence talks about the sonification revisiting the actual sound waves discovered in NASA's Chandra X-ray Observatory. Hence 'A' follows 'D'.
- The sentence 'B' is the concluding sentence that states the popular misconception that there is no sound in space because of space being a vacuum. Hence 'B' is the **last sentence**.
- The correct sequence is **C-E-D-A-B**.

Paragraph after rearranging the sentences:- Since 2003, the black hole at the centre of the Perseus galaxy cluster has been associated with sound. This is because astronomers discovered that pressure waves sent out by the black hole caused ripples in the cluster's hot gas that could be translated into a sound note — one that humans cannot hear. Now a new sonification brings more notes to this black hole. The sonification revisits the actual sound waves discovered in data from NASA's Chandra X-ray Observatory. The popular misconception that there is no sound in space originates from the fact that most of the space is essentially a vacuum, providing no medium for sound waves to propagate through.

Hence the correct answer is **option 5**.

Que. 152 Correct Option - 2

The correct answer is 'AEDBC'

 **Key Points**

- The sentence 'A' is independent of any other sentence as the sentence talks about the root of all political corruption i.e electoral funding. Hence 'A' is the **first part**.
- The sentence 'E' is talking about how three generations of wisest Indians failed to defeat this political corruption. Hence 'E' follows 'A'.

- In the sentence 'D' we read that in 2017 electoral funding was legalized with the Union Budget taking effect. Hence 'D' follows 'E'.
- In sentence 'B' we read that electoral funding had remained in India for 5 crucial years. Hence 'B' follows 'D'.
- The sentence 'C' is the concluding sentence that states that electoral funding has remained in India through 5 crucial years of governments having been elected, toppled, re-elected and so on. Hence 'C' is the **last sentence**.
- The correct sequence is **A-E-D-B-C**.

Paragraph after rearranging the sentences:- *At the root of all political corruption is electoral funding. It began in India with the first general election in 1952. Three generations of the wisest Indians failed to defeat it over 65 years. Finally, on 1 April 2017, it was legalised with the Union Budget taking effect. So, it has remained for five crucial years since, while a new national government and two-dozen state governments have been elected, toppled, re-elected and so on.*

Hence the correct answer is **option 2**.

Que. 153 Correct Option - 3

The correct answer is 'CEDBA'



Key Points

- The sentence 'C' is independent of any other sentence as it talks about PM Modi's advice to Russian President Vladimir Putin. Hence 'C' is the **first part**.
- The sentence 'E' is talking about the advice Modi gave to Putin during the SCO summit in Uzbekistan's Samarkand. Hence 'E' follows 'C'.
- In the sentence 'D' we read about how international media houses praised Modi who in a friendly tone voiced his concerns to Russia. Hence 'D' follows 'E'.
- In sentence 'B' the American publishing house CNN is being talked about which reported 'Indian leader Narendra Modi tells Putin: Now is not the time for war'. Hence 'B' follows 'D'.
- The sentence 'A' is the concluding sentence that states Putin responded to Modi by saying that “we want all of this to end as soon as possible”. Hence 'A' is the **last sentence**.
- The correct sequence is **C-E-D-B-A**.

Paragraph after rearranging the sentences:- *Prime Minister Narendra Modi's advice to Russian President Vladimir Putin over the Ukraine war during a bilateral meeting on the sidelines of the Shanghai Cooperation Organization's summit in Uzbekistan's Samarkand has grabbed the attention of leading international media organisations. International media praised PM Modi's diplomatic acumen, who in a friendly tone pushed the concerns of the global community to its long-standing friend Russia. American publication -CNN praised PM Modi's hold on world politics and reported "Indian leader Narendra Modi tells Putin: Now is not the time for war". Responding to PM Modi, Russian President Vladimir Putin said that he knows about India's position on the Ukraine conflict and “we want all of this to end as soon as possible”.*

Hence the correct answer is **option 3**.

Que. 154 Correct Option - 4

The correct answer is 'DBECA'



Key Points

- The sentence 'D' is independent of any other sentence as it is talking about India taking over the chairmanship of the China-led Shanghai Cooperation Organization (SCO). Hence 'D' is the **first part**.
- The sentence 'B' is talking about India being supported by all the member countries including China. Hence 'B' follows 'D'.

- In the sentence 'E' we are made aware that India became a member of SCO in 2017 and this is the first time ever that the country has taken over the chairmanship of the multilateral body. Hence 'E' follows 'B'.
- In the sentence 'C' the writer says gives a brief history of the SCO and its foundation and members. Hence 'C' follows 'E'.
- The sentence 'A' is the concluding sentence that states the main agenda of the SCO that is propounded. Hence 'A' is the **last sentence**.
- The correct sequence is **D-B-E-C-A**.

Paragraph after rearranging the sentences:- *India, which took over the chairmanship of the China-led Shanghai Cooperation Organisation (SCO) from Uzbekistan last week, will be supported by all member countries — including China — said SCO secretary general Zhang Ming, also highlighting that the multilateral body was expected to expand during India's chairmanship. India became a full member of the SCO in 2017 and this is the first time ever that the country has taken over the chairmanship of the multilateral body. The SCO was founded in Shanghai in 2001 and currently has eight permanent members — China, Russia, India, Pakistan, Uzbekistan, Kyrgyzstan, Kazakhstan, and Tajikistan. A former Chinese diplomat, Zhang said the main agenda for the SCO now is how to promote peace, security, development and prosperity.*

Hence the correct answer is **option 4**.

Que. 155 Correct Option - 1

The correct answer is '**BACED**'



Key Points

- The sentence 'B' is independent of any other sentence as it is talking about the rupee being low as compared to the US dollar. Hence 'B' is the **first part**.
- The sentence 'A' is talking about the fall of the rupee coinciding with India's crude oil basket rising to \$126.36 per barrel. Hence 'A' follows 'B'.
- In the sentence 'C' we are made aware of the popular perception that falling currency is purely bad news for the economy. Hence 'C' follows 'A'.
- In the sentence 'E' the writer says that in the Indian context it is not so that the falling of the rupee is just bad news. Hence 'E' follows 'C'.
- The sentence 'D' is the concluding sentence that states that the tweaking rupee benefits the country's exporters who get more value for the same amount of goods. Hence 'D' is the **last sentence**.
- The correct sequence is **B-A-C-E-D**.

Paragraph after rearranging the sentences:- *In March, the currency fell low against the US dollar, at 77.01. This coincided with the price of India's crude oil basket rising to \$126.36 per barrel, its highest level since July 2008, according to data from the Petroleum Planning and Analysis Cell. The popular perception is that a falling currency is just bad news for an economy. In the Indian context, this isn't so. There are several pros and cons. A weakening rupee benefits a country's exports as exporters get more value for the same amount of goods that they export in dollars.*

Hence the correct answer is **option 1**.

Que. 156 Correct Option - 2

The correct answer is '**renewed**'.



Key Points

- The given text suggests that the blank must contain a word that means '**revitalized**' I.e., **imbue (something) with new life and vitality**.
- Let us see the meaning of the words given in the options:

- rescued ⇒ **saved (someone or something).**
- renewed ⇒ **resumed (an activity) after an interruption.**
- rectified ⇒ **made corrections of any error.**
- declining ⇒ **decreasing.**
- misleading ⇒ **giving the wrong idea or impression.**
- From the above discussion, we can see that the correct sentence is '*Despite all the global headwinds, talks of inflation, and recession the Indian markets have seen **renewed** energy.*'

Hence, the correct answer is **Option 2.**

Que. 157 Correct Option - 3

The correct answer is '**influenced.**'

Key Points

- The given text suggests that the blank must contain a word that means the opposite of '**untouched**' I.e., **affected or impacted.**
- Let us see the meaning of the words given in the options:
 - unmoved ⇒ **not changed, steadfast.**
 - demonstrated ⇒ **clearly show the existence or truth of (something) by giving proof or evidence.**
 - influenced ⇒ **have an effect on.**
 - jaded ⇒ **tired, physically exhausted.**
 - mandated ⇒ **assigned or administer (something, such as a territory) under a mandate.**
- From the above discussion, we can see that the correct sentence is '*The market in the short term primarily gets **influenced** by either facts or noise.*'

Hence, the correct answer is **Option 3.**

Que. 158 Correct Option - 1

The correct answer is '**carried on.**'

Key Points

- The given text suggests that the blank must contain a word that means '**continue**' I.e., **to persist in an activity or process.**
- Let us see the meaning of the phrasal verbs given in the options:
 - carry on ⇒ **persist, keep on.**
 - break down ⇒ **cease to function.**
 - bear away ⇒ **attain a victory.**
 - call up ⇒ **summon someone to serve in the armed forces or remember (something).**
 - draw on ⇒ **use one's experience, talents, or skills as a resource.**
- From the above discussion, we can see that the correct sentence is '*The opinion is that India will **carry on** to witness growth despite the underperformance of its Western peers.*'

Hence, the correct answer is **Option 1.**

Que. 159 Correct Option - 5

The correct answer is '**fairly.**'

Key Points

- The given text suggests that the blank must contain a word that means the opposite of '**insufficiently**' I.e., **adequately or moderately.**

- Let us see the meaning of the words given in the options:
 - inefficiently ⇒ **not efficiently**.
 - quickly ⇒ **fast**.
 - abruptly ⇒ **suddenly**.
 - freely ⇒ **willingly, without being controlled**.
 - fairly ⇒ **to a moderately high degree; relatively**.
- From the above discussion, we can see that the correct sentence is '*But if we look through history the GDP growth rate of India and the USA have been **fairly** in line with each other.*'

Hence, the correct answer is **Option 5**.

Que. 160 Correct Option - 2

The correct answer is '**Depicting**.'



Key Points

- The given text suggests that the blank must contain a word that means '**Sketching**' I.e., **portraying**.
- Let us see the meaning of the words given in the options:
 - starving ⇒ **suffering or dying from hunger**.
 - depicting ⇒ **showing, representing**.
 - decoupling ⇒ **disengaging or disconnecting**.
 - barricading ⇒ **block or defend with a barricade**.
 - changing ⇒ **becoming different; alter**.
- From the above discussion, we can see that the correct sentence is '*... **depicting** any downward movement in the USA economy will have its trickle-down impact on India too.*'

Hence, the correct answer is **Option 2**.

Que. 161 Correct Option - 1

The first web browser was developed in 1990 by **Tim Berners - Lee**.



Important Points

- Web browser is a software program that allows a user to locate, access, and display web pages.
- Browser rendering engine. Software that renders HTML pages (Web pages).
- Mozilla Firefox is a free and open - source web browser developed by the Mozilla Foundation and its subsidiary, Mozilla Corporation.
- Internet Explorer (or IE) is a free graphical browser maintained by Microsoft.

List of Top Web Browsers

1. Google Chrome
2. Mozilla Firefox
3. Opera
4. Safari
5. Internet Explorer
6. Netscape Browser
7. UC Browser

Que. 162 Correct Option - 2

The correct option is 2 i.e., **Scanner**.

- The **scanner** is not an output device.
- The scanner is an input device.

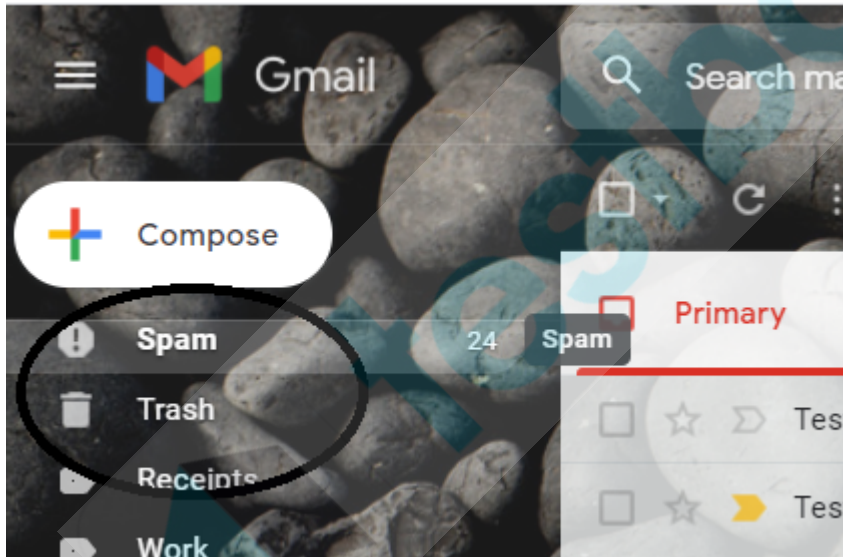
- **Flat-screen** is an output device.
- LCD is an output device.
- LCD stands for **Liquid Crystal Display**.
- LCD uses **liquid crystals in its primary form of operation**.
- A plotter is a computer hardware device that is used for printing vector graphics.

Que. 163 Correct Option - 1

The correct answer is **Trash**

Key Points

- **The Trash folder is where any emails have been deleted.**
- This folder also indicates **the mail which has been automatically deleted, are sent.**
- The **Trash folder will empty every time we log out of Message Center**, and all of the messages will be permanently deleted.
- If we delete an e-mail from your inbox, **it will initially be put into the Trash folder.**
- The e-mail will only be permanently deleted if we delete it in the Trash folder or empty the trash, or if the e-mail's storage time has expired.
- Permanently deleted e-mail cannot be recovered.
- The default storage time for **an email in the Trash folder is 1 day.**
- We can customize the storage time for **an email in the Trash folder.**
- **It is present at the left below the compose window in the email window.**



Additional Information

Important Components of Compose Mail

Components	Description
To	<ul style="list-style-type: none"> • To indicates the address of the person whom we want to send the mail. • we can send one mail to multiple people at once. • For that, we just need to mention the email address of each person by adding a semicolon after each address in To part.
Body	<ul style="list-style-type: none"> • The body is the screen where we will write the actual mail.

	<ul style="list-style-type: none"> • Here we will write the full details of the mail. • It should be in the proper format depending upon the type of letter we are writing. • It can be in the form of a formal or informal letter.
CC	<ul style="list-style-type: none"> • In email sending, CC is the abbreviation for carbon copy. • Just like the physical carbon copy above, CC is an easy way to send copies of an email to other people. • If you've ever received a CCed email, you've probably noticed that it will be addressed to you and a list of other people who have also been used.
BCC	<ul style="list-style-type: none"> • BCC stands for blind carbon copy. • BCC is a way of sending copies of an email to other people. • It's called blind carbon copy because the other recipients won't be able to see that someone else has been sent a copy of the email.

Que. 164 Correct Option - 1

The correct option is 1 i.e., Ransomware.

Key Points

- **Ransomware** is used with the intention of extorting money.
- Ransomware is a type of malware program that infects and takes control of a system.

Additional Information

- **Spyware** is unwanted software that infiltrates your computing device, stealing your internet usage data and sensitive information.
- **Adware**, or advertising-supported software, is software that generates revenue for its developer by automatically generating online advertisements.
- Malware stands for **malicious software.**
- **Malware is any software** used to disrupt computer operation, gather sensitive information, or gain access to private computer systems.

Que. 165 Correct Option - 3

The correct answer is CA#20.

Key Points

- A **cell reference** or **cell address** is a combination of a column letter and a row number that identifies a cell on a worksheet.
 - For example, A1 refers to the cell at the intersection of column A and row 1; B2 refers to the second cell in column B, and so on.
- A **range reference** is represented by the address of the upper-left cell and the lower right cell separated with a colon.
- There exist two address styles in Excel: **A1 and R1C1.**

- **A1** is the default style used most of the time. In this style, columns are defined by letters and rows by numbers, i.e. A1 designates a cell in column A, row 1.
- **R1C1** is the style where both rows and columns are identified by numbers, i.e. R1C1 designates a cell in row 1, column 1.
- There are three types of cell references in Excel:
 - A **relative reference** is the one without the \$ sign in the row and column coordinates, like A1 or A1:B10. By default, all cell addresses in Excel are relative.
 - An **absolute reference** is the one with the dollar sign (\$) in the row or column coordinates, like \$A\$1 or \$A\$1:\$B\$10.
 - A **mixed reference** contains one relative and one absolute coordinate, like \$A1 or A\$1.

Que. 166 Correct Option - 2

The correct answer is the **Internet**.

Key Points

- The Internet is a **global wide area network** that connects **computer systems across the world**.
- It includes several **high-bandwidth** data lines that comprise the Internet "**backbone**".
- These lines are **connected to major Internet hubs** that distribute data to other locations, such as **web servers and Internet Service Providers (ISPs)**.

Additional Information

- **Vint Cerf** is widely known as the **father of the Internet**.
- **Vint** is the co-designer with **Robert Kahn** of **TCP/IP protocols** and **basic architecture of the Internet**.
- **Bob Kahn and Vint Cerf** were the two who **first invented the internet**.
- **The first web page** went live on **August 6, 1991**.

Que. 167 Correct Option - 3

The correct answer is **All files and sub-folders in the current folder are selected.**

Key Points

- When you open a folder in Windows 10 OS and press the CTRL+A key, All files and sub-folders in the current folder are selected.

Shortcut Keys	Functions
Ctrl + X	Cut
F11 or Windows logo key + Up arrow	Maximize Window
Windows logo key + Tab	Open Task View
Alt + Tab	Switch between open apps
Windows logo key + L	Lock your PC

Que. 168 Correct Option - 1

The correct answer is **Ctrl + Z**.

- **Undo** is a **technique or a command** which is implemented in many **computer programs**.
- **It erases the last change done to the document.**

Key Points

- We can **undo, redo, or repeat** many actions in **Microsoft Word, PowerPoint, and Excel**.
- With the help of undo command, the users can explore and work without fear of making mistakes, because changes can be made whenever required.
- The opposite of **undo is Redo**.
- The redo command reverses the undo command.
- In Microsoft Windows applications, the keyboard shortcut for the Undo command is Ctrl+Z or Alt+Backspace, and the shortcut for Redo is Ctrl+Y or Ctrl+Shift+Z.

Que. 169 Correct Option - 4

The correct answer is **Windows Logo Key + Down Arrow Key**.

Key Points

- **Windows**
 - It is a family of operating systems for personal computers.
 - Windows provides a graphical user interface, virtual memory management, and support for various peripheral services.
- **Windows Logo Key + Down Arrow Key**
 - It is a shortcut key is used to minimize the active window.

Additional Information

Shortcut Key	Used to
Windows Logo Key + Home Key	Minimize all windows except the selected or currently active window.
Windows Logo Key + Spacebar Key	Switch input language and keyboard layout.
Windows Logo Key + Up Arrow Key	Maximize the active window vertically

Que. 170 Correct Option - 2

The correct answer is **Ctrl+5**.

Key Points

- The shortcut for the **strikethrough** effect in Excel 2010 is **Ctrl + 5**.
- The strikethrough function **indicates that information in a cell should be ignored, but do not want to delete that information**.
- This effect is applied to the information if copy and paste it into another spreadsheet or document.
- Navigation: **Home** > Format cell > Font button at the bottom-right corner of the Font section in the ribbon > Check or uncheck the box to the left of Strikethrough.

Additional Information

- Other shortcut keys in Excel 2010:

Ctrl+3	Applies or removes italic formatting.
Ctrl+2	Applies or removes bold formatting.

Ctrl+4	Applies or removes underlining.
Ctrl+6	Alternates between hiding and displaying objects.
Ctrl+8	Displays or hides the outline symbols.
Ctrl+9	Hides the selected rows.

Que. 171 Correct Option - 5

The correct answer is **Word wrap**.

Key Points

- **Line breaking**, also known as **word wrapping**, is breaking a section of text into lines so that it will fit into the available width of a **page, window, or another display area**.
- In-text display, **line wrap is continuing** on a new line when a line is full, so that each line fits into the **viewable window**, allowing text to be **read from top to bottom** without any **horizontal scrolling**.
- **Word wrap** is the **additional feature** of most text editors, word processors, and web browsers, of breaking lines between words rather than within words, where possible.

Additional Information

- **Autocorrection**, also known as **text replacement, replace-as-you-type**, or simply autocorrect, is an automatic data validation function commonly found in word processors and text editing interfaces for smartphones and tablet computers.
- **The AutoFormat feature automatically** formats a document as you type it by **applying the associated styles to text**.

Que. 172 Correct Option - 3

The correct answer is **Video Graphics Array**.

Key Points

VGA is Video Graphics Array which is a computer chipset standard for displaying colour graphics.

Additional Information

- VGA is a popular display standard developed by IBM and introduced in 1987.
- It provides 640 x 480 resolution color display screens with a refresh rate of 60 Hz and 16 colors displayed at a time.
- VGA utilizes analog signals, which means it's only capable of lower resolutions and a lower quality display on screens.
- The VGA connector is used for display devices and is used to connect a computer to a monitor, projector, or TV.

Que. 173 Correct Option - 4

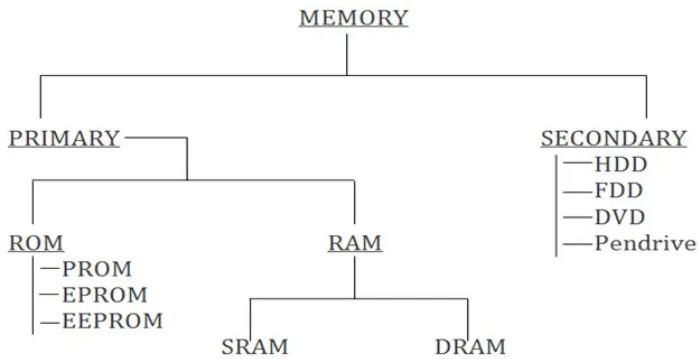
The correct answer is **hard disk**.

- A hard disk drive (HDD), hard disk, hard drive, or fixed disk is an **electro-mechanical data storage device** that stores and retrieves digital data using magnetic storage and one or more rigid rapidly rotating platters coated with magnetic material.

Key Points

Computer storage is of two types:

- **Primary Storage Devices:** It is also known as internal memory and main memory.
 - This is a section of the CPU that holds program instructions, input data, and intermediate results.
 - It is generally smaller in size. RAM (Random Access Memory) and ROM (Read Only Memory) are examples of primary storage.
- **Secondary Storage Devices:** Secondary storage is a memory that is stored external to the computer.
 - It is mainly used for the permanent and long-term storage of programs and data.
 - Hard Disk, CD, DVD, Pen/Flash drive, SSD, etc, are examples of secondary storage.



Que. 174 | Correct Option - 1

A software interrupt often occurs when an **application software terminates or when it requests the operating system for some service**. This is quite unlike a hardware interrupt, which occurs at the hardware level.

Key Points

- A software interrupt only **communicates with the kernel and indirectly interrupts the central processing unit**.
 - All software interrupts are associated with an interrupt handler, which is actually just a routine that is activated when an interrupt happens.
 - Only **one bit of information is communicated during a software interrupt**.
 - A software interrupt is used to **perform an input/output request**.

Therefore, A trap, also known as a software interrupt, is an instruction that explicitly generates an exception condition.

Additional Information

- **A query** can either be a request for data results from your database or for action on the data, or for both.
 - A query can give you an answer to a simple question, perform calculations, combine data from different tables, add, change, or delete data from a database.
- **Interrupt handling** is a key function in real-time software and comprises interrupts and their handlers.
 - An interrupt is a hardware signal from a device to the CPU. It tells the CPU that the device needs attention and that the CPU should stop performing what it is doing and respond to the device.
 - If the CPU is available (it is not performing a task with higher priority, such as servicing a higher-priority interrupt), it suspends the current thread and eventually invokes the interrupt handler for that device.
 - The job of the interrupt handler is to service the device and stop it from interrupting. Once the handler returns, the CPU resumes what it was doing before the interrupt occurred.
- **A trigger** is a stored procedure in the database which automatically invokes whenever a special event in the database occurs.

Que. 175 Correct Option - 2

The correct answer is **Design tab.**

- Themes could be found in **Design tab.**
- The **Design Tab** contains all the **features to change the look of your document in one place.**

Additional Information

- To find out how to format your document using the design tab follow these simple instructions.



- To format your document with a **theme**
 - Select **Design (tab) | Document Formatting (group) | Themes (drop-down button)**
 - Select a theme from the drop-down list.

Que. 176 Correct Option - 1

The correct answer is **Graphical User Interface.**

Key Points

- An operating system enables a person to communicate with a computer through the use of symbols, icons, visual metaphors, and pointing devices. It is classified in **Graphical User Interface.**
- **A graphical user interface (GUI) is a type of user interface through which users interact with electronic devices via visual indicator representations.**
- GUIs graphically display information and related user controls, unlike text-based interfaces, where data and commands are strictly in text.
- Today, each OS has its own GUI (such as Ubuntu for Linux). Software applications (Microsoft Word and Excel, or Adobe Photoshop) use these and add additional GUIs of their own.
- A GUI uses windows, icons, and menus to carry out commands, such as opening, deleting, and moving files.

Additional Information

- A Command Line Interface connects a user to a computer program or operating system. Through the CLI, users interact with a system or application by typing in the text (commands).

Que. 177 Correct Option - 3

The correct answer is **48.**

Key Points

- **A media access control address (MAC)** is a unique identifier assigned to a network interface controller for use as a network address in communications within a network segment.
- This use is common in most **IEEE 802** network technologies, including **Ethernet, Wi-fi, and Bluetooth.**
- Every NIC (Network Interface Controller) has a hardware address that's known as a **MAC**, for media access control where IP addresses are associated with TCP/IP (networking software), MAC addresses are linked to the hardware of network adapters.



Additional Information

- MAC addresses are recognizable as six groups of two hexadecimal digits, separated, by hyphens, colons, or without a separator.
- A MAC address is a **48-bit number**.
- A **network interface controller** is a computer hardware component that connects a computer to a computer network.

Que. 178 Correct Option - 2

The correct answer is **encoder**.

Key-Points

- An encoder converts information from one format or code to another. An encoder can be used to encode the decimal number to binary number.

Additional Information

Accumulator:

- An accumulator is a general-purpose register of microprocessor. It is used to store result of most arithmetic and Logical Operations performed in 8085.

Some examples of decimal to binary conversion are:

- 0 → 0
- 1 → 01
- 2 → 10
- 3 → 11
- 4 → 100
- 5 → 101
- 6 → 110
- 7 → 111
- 8 → 1000
- 9 → 1001

ALU:

- ALU stands for arithmetic logic unit. ALU contains circuits that perform arithmetic operations such as Addition/subtraction and Logical operations such as XOR, AND etc

Memory:

- Memory is a storage device that is used to store data as well as instructions that are to be executed by the microprocessor.

Que. 179 Correct Option - 2

In excel, merger option allows users to bring together copies of workbooks that other users gave worked on independently.

Que. 180 Correct Option - 2

In HTML, the following 2 syntax are used to make the text BOLD

- ``
- ``

They both have the same functioning.

Note that, the `` tag is used to define emphasized text. The content inside is typically displayed in italic.

Que. 181 Correct Option - 2

The correct answer is 22 October 2009.

Key Points

- Windows 7
 - It is an operating system that was produced by Microsoft and released as part of the Windows NT family of operating systems.
 - It was released to manufacturing on July 22, 2009, and became generally available on October 22, 2009.
 - It is the successor to Windows Vista, released nearly three years earlier.
- Windows XP:
 - It is an operating system produced by Microsoft as part of the Windows NT family of operating systems.
 - It was the successor to both Windows 2000 for professional users and Windows Me for home users.
 - It was released to manufacturing on August 24, 2001, and broadly released for retail sale on October 25, 2001.
 - Microsoft Office:
 - It is a family of client software, server software, and services developed by Microsoft. It was first announced by Bill Gates on August 1, 1988, at COMDEX in Las Vegas.

Additional Information

- An Operating System (OS):
 - It is an interface between a computer user and computer hardware.
 - An **operating system** is software that performs all the basic tasks like file management, memory management, process management, handling input and output, and controlling peripheral devices such as disk drives and printers.

Que. 182 Correct Option - 3

To convert a decimal number system to hexadecimal, we follow the successive division approach i.e. we divide the decimal number by 16 and note down the remainder.

Each remainder is then expressed in hexadecimal.

$$\begin{array}{r|l}
 & 160 \\
 \hline
 16 & 10 \\
 16 & 0
 \end{array}
 \begin{array}{l}
 0 \\
 10(A)
 \end{array}
 \uparrow
 (A0)_{16}$$

Alternate Method:

The conversion from decimal to hexadecimal can also take place by first converting the decimal to binary, i.e.

	160	
2	80	0
2	40	0
2	20	0
2	10	0
2	5	0
2	2	1
2	1	0
2	0	1

Taking a pair of 4 and converting it into its hexadecimal equivalent, we get:

$$1010\ 0000 = (A0)_{16}$$

Que. 183 Correct Option - 3

The correct answer is **Terabytes (TB)**.

Key-Points

- 1 Petabyte = 1024 Terabytes.
- The units of Computer Memory Measurements are:
 - 1 Bit = Binary Digit.
 - 8 Bits = 1 Byte
 - 1024 Bytes = 1 KB (Kilo Byte)
 - 1024 KB = 1 MB (Mega Byte)
 - 1024 MB = 1 GB (Giga Byte)
 - 1024 GB = 1 TB (Tera Byte)
 - 1024 TB = 1 PB (Petabyte)
 - 1024 PB = 1 EB (Exa Byte)
- Geop byte is the highest memory measurement unit.

Que. 184 Correct Option - 1

The correct answer is **Because it changes its status on pressing the key**.

Important Points

- A **toggle key** is a key that is used to **turn a function on or off** or to **switch between two functions**. Examples of toggle keys are the **caps lock key, number lock key, and scroll lock key**. A toggle key can also be used as an **accessibility option** to alternate the input mode of keys.

Key Points

- A **toggle key** toggles the **input from other keys** on the keyboard between different **input modes**. The most commonly used toggle key is the **caps lock key**, which alternates the letter keys between **uppercase and lowercase**.
- **Num lock** is another toggle key that helps to **input numerals** from the numeric keyboard and is **turned on by default**.
- Another example of a toggle key is the **scroll lock key**, which allows arrow keys to **scroll through the window's contents** and allows users to **scroll without depending on the scroll bar**.
- The **insert key** is another example of a toggle key, and it toggles between **overtyping mode and insert mode** while entering text.

- A toggle key, unlike **modifier keys**, is turned on or off when pressed—they need not be held down while pressing other keys. Most keyboards have lights indicating whether the keys are switched on or off. Some operating systems and applications also display the **toggle key status** on the screen.

Que. 185 Correct Option - 1

The Correct Answer is Ctrl+E.

Key Points

- **Ctrl + E** makes the text in a word document **centred**.

Important Points

- **Ctrl + A** Selects all text.
- **Ctrl + G** opens the **Find and replace options**.
- **Ctrl+C** Copy the selected text.

Additional Information

Word shortcut keys

Ctrl + A -- Select all contents of the page.
Ctrl + B -- Bold highlighted selection.
Ctrl + C -- Copy selected text.
Ctrl + X -- Cut selected text.
Ctrl + N -- Open new/blank document.
Ctrl + O -- Open options.
Ctrl + P -- Open the print window.
Ctrl + F -- Open find box.
Ctrl + I -- Italicise highlighted selection.
Ctrl + K -- Insert link.
Ctrl + U -- Underline highlighted selection.
Ctrl + V -- Paste.
Ctrl + Y -- Redo the last action performed.
Ctrl + Z -- Undo last action.
Ctrl + G -- Find and replace options.
Ctrl + H -- Find and replace options.
Ctrl + J -- Justify paragraph alignment.
Ctrl + L -- Align selected text or line to the left.
Ctrl + Q -- Align selected paragraph to the left.
Ctrl + E -- Align selected text or line to the centre.
Ctrl + R -- Align selected text or line to the right.
Ctrl + M -- Indent the paragraph.
Ctrl + T -- Hanging indent.
Ctrl + D -- Font options.

Ctrl + Shift + F -- Change the font.
Ctrl + Shift + > -- Increase selected font +1.
Ctrl +] -- Increase selected font +1.
Ctrl + [-- Decrease selected font -1.
Ctrl + Shift + * -- View or hide non printing characters.
Ctrl + (Left arrow) -- Move one word to the left.
Ctrl + (Right arrow) -- Move one word to the right.
Ctrl + (Up arrow) -- Move to the beginning of the line or paragraph.
Ctrl + (Down arrow) -- Move to the end of the paragraph.
Ctrl + Del -- Delete word to the right of the cursor.
Ctrl + Backspace -- Delete word to the left of the cursor.
Ctrl + End -- Move cursor to end of the document.
Ctrl + Home -- Move cursor to the beginning of the document.
Ctrl + Space -- Reset highlighted text to default font.
Ctrl + 1 -- Single-space lines.
Ctrl + 2 -- Double-space lines.
Ctrl + 5 -- 1.5-line spacing.
Ctrl + Alt + 1 Change text to heading 1.
Ctrl + Alt + 2 Change text to heading 2.
Ctrl + Alt + 3 Change text to heading 3.
F1 -- Open help.
Shift + F3 -- Change case of selected text.
Shift + Insert -- Paste.
F4 -- Repeat the last action performed (Word 2000+).
F7 -- Spell check selected text and/or document.
Shift + F7 -- Activate the thesaurus.
F12 -- Save as.
Ctrl + S -- Save.
Shift + F12 -- Save.
Alt + Shift + D -- Insert the current date.
Alt + Shift + T -- Insert the current time.
Ctrl + W -- Close document.

Que. 186 Correct Option - 1

The correct answer is Single-User Operating System.

Important Points

- **Single-User Operating System**
 - Performs a single task for Single-user.
 - This operating system is designed to manage the computer so that one user can effectively do one thing at a time.
 - **Examples include Microsoft Windows.**

Additional Information

- **The different types of Operating System:**
- **Batch Operating System**
 - There is no direct communication between the computer and the OS.
 - There is an intermediate, the Operator.
 - The operator distributes the work into batches.
- **Real-Time Operating System**
 - The processing time is very small between the user's command and the output such that there is no operator.
- **Time-Sharing Operating System**
 - Multiple people at various computers can use a program at the same time.
- **Distributed Operating System**
 - When two or more systems are connected to each other and one can open each other's files.
- **Embedded Operating System**
 - These special Operating systems are built into larger systems.
 - They are limited to single specific functions like an ATM.
- **Network Operating System**
 - They have one main server which is connected to other client servers.
 - It provides a secure operating system for working with multiple users.

Que. 187 Correct Option - 3

The maximum limit of available worksheet functions is 341.

Que. 188 Correct Option - 3

The equal to sign '=', marks the start of any formula in the MS excel spreadsheet.

Que. 189 Correct Option - 4

Malware Protection is not the main function of the operating system.

Important Points

- **Malware Protection**
 - Malware is any software intentionally designed to **cause damage to a computer, server, client, or computer network.**
 - A range of antivirus software, firewalls and other strategies are used to protect against the introduction of malware.

Key Points

- **Operating system**
 - An operating system is a large and complex system.
 - **OS system components include:**
 - **File,**
 - **Process,**

- Memory,
- I/O device management.

Additional Information

- **The process management component**
 - The process management component is a procedure for managing the many processes that are running simultaneously on the operating system.
 - Every software application program has one or more processes when they are running.
 - For example, when we use a browser like Google Chrome, there is a process running for that browser program.
 - All these processes managed by process management.
 - The process management uses memory allocated to them and shutting them down when needed.
- **File management**
 - File management in an operating system includes file creation and deletion.
 - Manipulating files and directories.
- **Memory management**
 - An Operating System performs the functions for Memory Management such as:
 - It helps to keep track of primary memory.
 - Determine what parts of it are in use by whom, what part is not in use.
- **I/O device management**
 - An Operating System performs the functions for I/O device management such as:
 - It offers buffer caching system
 - It provides general device driver code
 - It provides drivers for particular hardware devices.

Que. 190 Correct Option - 3

The correct answer is the Digital subscriber line.

Key Points

- A **digital subscriber line** is a method of accessing **fixed internet** for home or office.

Additional Information

- The **digital subscriber line (DSL)** uses the **existing telephone cabling infrastructure**.
- There are **two methods** of **Internet access**
 - **Direct**- The device connects **directly** to the Internet **using 3G/4G mobile networks** or public **Wi-Fi**.
 - **Indirect**- The device connects to a network **using Ethernet or WiFi** and the **network connects** to the **Internet using DSL, cable, or fiber**.

Que. 191 Correct Option - 3

The correct answer is Third Generation.

Key Points

- The First generation of computer's period was from **1940 to 1956**.
 - **Vacuum tubes** were used in the first generation of computers for **circuitry** and **magnetic drums** were used for **memory**.
 - Computers in this generation were **enormous** and they use to take **entire rooms**.
 - Computers were **very expensive to operate** and used a **great deal of electricity** which generated a **lot of heat** which cause **malfunctions**.

- Computer relied on **machine language** to perform operations and so could solve one problem at a time.
- The **UNIVAC (Universal Automatic Computer) and ENIAC (Electronic Numerical Integrator and Computer)** are examples of first-generation computing devices.
- The UNIVAC (Universal Automatic Computer) was the **first commercial computer** delivered to a business client, the **U.S. Census Bureau in 1951**.
- **The second generation of computer's** period was from **1956-1963**.
 - **Transistors** were used in second-generation computers.
 - The transistor was invented in **1947** but was used in computers in the late **1950s**.
 - The transistors were far superior to the vacuum tube, allowing computers to become **smaller, faster, cheaper, more energy-efficient, and more reliable** than their first-generation predecessor.
 - Early versions of **COBOL (Common Business-Oriented Language) and FORTRAN (Formula Translation)** which are high-level programming languages were also being developed at this time.
- **The third generation of computer's** period was from **1964-1971**.
 - **Integrated circuits** were used in third-generation computers.
 - These computers carry out **instructions in billionths of a second**.
 - Computers for the first time became accessible to a mass audience because they were **smaller and cheaper** than their predecessor.
- **Fourth Generation computer's** period was from **1971 to the present**.
 - **Microprocessors** were used in fourth-generation computers.
 - Fourth Generation computers saw the development of the **Graphical User Interface (GUI's), the mouse, and handheld devices**.
 - Fourth-generation computers were **small and more powerful** as compared to other generations as a result they could be linked together to form networks and led to the **development of the internet**.
- **Fifth Generation computers** are in the **present generation** and will see further developments.
 - **Artificial Intelligence** is used in this generation of computers.
 - Games such as **chess and checkers** can be played on the computer.
 - The term **Artificial intelligence** was coined for the first time by **John McCarthy** in **1956** at the **Massachusetts Institute of Technology**.
 - **Natural-language processing, Voice recognition, robotics, etc** are some of the achievements of this generation of computers.

Que. 192 Correct Option - 3

The correct answer is Convert analog signals to digital and vice-versa



Important Point

- The modem is a device that **transforms the computer-generated digital signals into analog signals** to enable their traveling through **phone lines**. The '**modulator-demodulator**' or modem may work as a **dial-up for LAN** or **connect to an ISP**.
- Modems can be both **external**, as in the device which connects to the **USB** or the **serial port** of a computer machine, or **proprietary components** for handheld smart devices and other devices, also as internal, in the form of **add-on expansion cards** for computer systems and **PCMCIA cards** for laptop computers.



Key Points

- The design of a modem differs for both the **external and internal modem**. In internal modems, **IRQ – Interrupt request is utilized** to configure the modem in addition to **I/O**, which is a **memory address**. Usually, before the **installation of a built-in modem**, integrated serial interfaces are disabled, assigning them the **COM2** resources at the same time.

- For external types of a modem, the **modem assigns and uses the resources itself**. This is especially helpful for the **USB port** and **laptop users** as the **non-complex** and **simpler** nature of the process renders it far much more useful for daily usage.
- At the time of setup, the second step to make sure the **proper working** of a modem is the installation of drivers. The modem **working efficiency** and **processing is decided by two factors**:
 - **Speed of UART** –An acronym for **Universal Asynchronous Receiver or Transmitter chip** (installed on the motherboard to which the modem connection is established)
 - **Speed of the modem itself**

Que. 193 Correct Option - 1

In computer networks, a proxy server is a server (a computer system or an application) that acts as an intermediary for requests from clients seeking resources from other servers. A client connects to the proxy server, requesting some service, such as a file, connection, web page, or other resource available from a different server and the proxy server evaluates the request as a way to simplify and control its complexity. Proxies were invented to add structure and encapsulation to distributed systems. Today, most proxies are web proxies, facilitating access to content on the World Wide Web and providing anonymity.

Que. 194 Correct Option - 5

The correct answer is **Dynamic Host Configuration Protocol**.

Key Points

- DHCP is the acronym of **Dynamic Host Configuration Protocol**.
- A Dynamic Host Configuration Protocol is a network **server that automatically provides and assigns IP addresses**, default gateways and other network parameters to client devices.
- It will help to **prevent duplication** of addresses and also help the administrator keep good records.
- DHCP is designed to improve the efficiency of allocating IP addresses.
- DHCP services exist for networks running both **Internet Protocol version 4 (IPv4) and Internet Protocol version 6 (IPv6)**.
- The IPv6 version of the DHCP protocol is commonly called DHCPv6.

Additional Information

- Other common network protocols examples:
 - Address Resolution Protocol (ARP)
 - File Transfer Protocol(FTP)
 - HyperText Transfer Protocol(HTTP)
 - Post Office Protocol (POP3)
 - Simple Mail Transfer Protocol (SMTP)
 - Secure Shell Protocol (SSH)

Que. 195 Correct Option - 2

The correct answer is **IPv4**.

- IP (Internet Protocol) is a numerical value assigned to each device participating in a computer network.
 - The IP address is a **unique address**.
 - Every public IP address is registered to an owner, whether that owner is an individual or an organisation.
 - There are two versions of IP: IPv4 and IPv6.
- **IPv4** stands for Internet Protocol version 4.
 - IPv4 is a connectionless protocol.

- IPv4 is a **32-Bit IP address**.

Additional Information

- **IPv6** stands for Internet Protocol version 6.
 - IPv6 is a **128-Bit IP address**.

Que. 196 Correct Option - 2

The correct answer is FTP.

Key Points

- **FTP** stands for **File Transfer Protocol**.
- It is a **network protocol** for transmitting files between computers over **Transmission Control Protocol/Internet Protocol (TCP/IP)** connections.
- It is considered an **application layer protocol**.

Important Points

- **SMTP**
 - It stands for **Simple Mail Transfer Protocol**.
 - It is a TCP/IP protocol **used in sending and receiving e-mail**.
- **TELNET**
 - It stands for **Terminal Network**.
 - Its utility allows users to **test connectivity to remote machines and issue commands through the use of a keyboard**.
- **HTTP**
 - It stands for **HyperText Transfer Protocol**.
 - A protocol for **fetching resources** such as HTML documents.

Que. 197 Correct Option - 3

Nexus is NOT correct.

- Among the options, only Nexus is NOT a search engine.

Key Points

- Nexus is a web browser.
 - It is the world's first web browser.
 - It was invented by **Tim Berners Lee**.
 - It is formerly known as **WorldWideWeb**.
 - it searched FTP sites to create an index of downloadable files
 - It could be used to create pages as well as browse them.

Important Points

- A **search engine** is a software that is designed to search for information on the world wide web.
- Important search engines are:
 - Google.
 - Yahoo!.

- Bing.
- Archie.
- DuckDuckGo.
- Ask.com
- Baidu.

Additional Information

- **Archie** is the first search engine on the internet.
- **Bing** search engine is developed by Microsoft.
- **Google** search engine is the most used search engine in the World.
 - It is developed by Google LLC.

Que. 198 Correct Option - 4

The correct answer is **the Internet Control Message Protocol.**

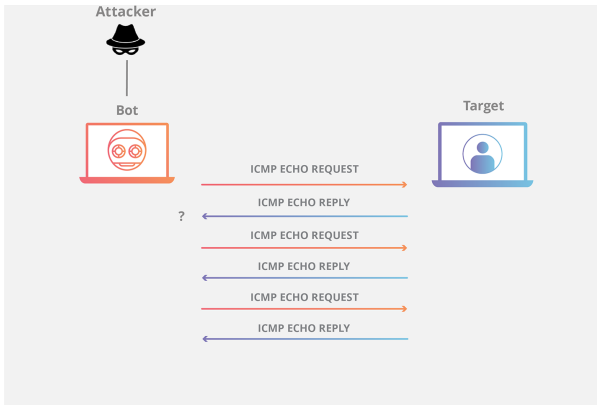
Important Points

- **ICMP** Stands for **Internet Control Message Protocol.**
- ICMP is part of **Internet Protocol.**
- The **Internet Control Message Protocol (ICMP)** is a **network layer protocol** used by network devices **to diagnose network communication issues.**
- **ICMP** is mainly used to determine whether or not data is reaching its **intended destination in a timely manner.**
- When information is transferred **over the Internet**, computer systems **send and receive data using the TCP/IP protocol.**
- If there is a problem with the connection, **error, and status messages regarding the connection are sent using ICMP.**
- When one computer connects to another system over the Internet it may seem like a quick and easy process.
- But In cases where there is a problem with the connection, **ICMP can send back codes** to our system explaining why a connection failed.
- These may be messages such as, "**Network unreachable**" for a system that is down, or "**Access denied**" for a secure, password-protected system
- ICMP may also provide routing suggestions to help bypass unresponsive systems.
- While ICMP can send a variety of different messages, most are never seen by the user.

Key Points

Purpose of ICMP

- The primary purpose of ICMP is for error reporting.
- When two devices connect over the Internet, the ICMP generates errors to share with the sending device in the event that any of the data did not get to its intended destination.
- Secondary use of ICMP protocol is to perform network diagnostics.
- the figure below shows the working ICMP protocol.



Que. 199 Correct Option - 2

The correct answer is **Blind carbon copy**.

- **Bcc means blind carbon copy** which is the same as similar Cc.
- Bcc appears for **specified recipients** only.

Key Points

- Due to **security as well as privacy reasons**, it is best to use the **Blind Carbon Copy (Bcc)** feature when sending an email message to a large number of people.
- When you place email addresses in the BCC field of a message, those addresses are invisible to the **recipients of the email mentioned**.
- Earlier this concept was used in paper correspondence but now it is applied to emails.

Que. 200 Correct Option - 3

The correct answer is **Satellite**.

Key Points

- **Satellite Internet access** is Internet access provided through **communication satellites**.
- **Modern consumer-grade satellite Internet service** is typically provided to individual users through **geostationary satellites** that can offer **relatively high data speeds**.
- **Integrated Services Digital Network** is a set of communication standards for simultaneous digital transmission of voice, video, data, and other network services over the **digitalized circuits** of the **public switched telephone network**.
- A **digital subscriber line(DSL)** is a family of technologies that are used to **transmit digital data over telephone lines**.
- **Dial-up Internet access** is a form of Internet access that uses the facilities of the public switched telephone network to establish a connection to an Internet service provider by dialing a telephone number on a **conventional telephone line**.

Additional Information

- The first web page address was **http://info.cern.ch/hypertext/WWW/TheProject.html**.
- ARPANET adopted **TCP/IP on January 1, 1983**.
- **NCSA Mosaic** ran on Windows computers was the first browser to surf the internet.