# AP
# Police SI

# 100 Questions

**Que. 1**  Let the sum of 3 numbers be 13680. If the first number is (3/5) of the third number and the ratio between the second and the third numbers is 4 : 7, then the first number is

1. 3,600
2. 3,780
3. 4,280
4. 4,800

**Testbook Solution**  Correct Option - **2**

**Que. 2**  A boy distributes chocolates among four of his friends in the ratio $\dfrac{1}{3} : \dfrac{1}{4} : \dfrac{1}{5} : \dfrac{1}{6}$. The minimum number of chocolates this boy should have, in order to do this distribution is

1. 60
2. 114
3. 57
4. 54

**Testbook Solution**  Correct Option - **3**

**Que. 3**  A person gave $\dfrac{2}{5}$ of his property to his elder son and 30% of his property to his younger son. He shared the rest of the property among his three daughters in the ratio 3 : 5 : 2. If one of his sons got Rs. 20,000 more than the other, then the largest share among the shares of the daughters is

1. Rs. 18,000
2. Rs. 22,000
3. Rs. 24,000
4. Rs. 30,000

**Testbook Solution**  Correct Option - **4**

**Que. 4**  The ratio of the present prices of two bycycles is 2 : 3. Two years later, when the price of the first is increased by 15% and that of the second by Rs. 475, the ratio of their prices becomes 3 : 5. The present price of the first bycycle in rupees is

1. 1090
2. 1120
3. 1140
4. 1280

**Testbook Solution**  Correct Option - **3**

**Que. 5**  If the difference between the yearly compound interest for 2 years and simple interest for 3 years on a certain amount at 10% per annum is Rs. 1080, then that amount (in Rs.) is

1. 10,260
2. 10,800
3. 11,400
4. 12,000

**Testbook Solution**  Correct Option - **4**

**Que. 6** A person borrowed some money for simple interest and the interest paid is $\dfrac{4}{9}^{th}$ of the principal. If the magnitudes of the interest rate and the time period are equal, then the rate of interest per annum is

1. $6\dfrac{2}{3}\%$
2. $8\dfrac{1}{3}\%$
3. $12\dfrac{1}{2}\%$
4. $16\dfrac{2}{3}\%$

**Testbook Solution** Correct Option - **1**

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**Que. 7** A person borrowed a sum for simple interest at a certain rate for a period of 3 years. If he has taken it for 2% higher rate, he would have to pay Rs. 720 more. Then the sum (in Rs.) borrowed by him is

1. 12,000
2. 10,800
3. 9,600
4. 6,000

**Testbook Solution** Correct Option - **1**

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**Que. 8** Sunil borrowed Rs. 25,000 from a moneylender at 20% compound interest per annum. At the end of each year, he repaid Rs. 5,000. The amount he still owes to the lender after paying three such installments is (in Rs.)

1. 25,000
2. 22,500
3. 21,600
4. 20,000

**Testbook Solution** Correct Option - **1**

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**Que. 9** The number of times the number-key buttons of a type writer have to be pressed in order to type the fist 300 natural numbers is

1. 792
2. 684
3. 762
4. 300

**Testbook Solution** Correct Option - **1**

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**Que. 10** The number of zeros occurring after the last significant (non zero) digit in the product of 75 × 60 × 48 × 35 × 30 × 24 × 18 × 10 × 5 is

1. 5
2. 6
3. 7
4. 9

**Testbook Solution** Correct Option - **3**

**Que. 11** The sum of the distinct primes that divide 5400 is

1. 10
2. 15
3. 17
4. 28

**Testbook Solution**  Correct Option **- 1**

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**Que. 12** The number, among the following, that divides $7^{12}$ - $2^{24}$ is

1. 32
2. 33
3. 34
4. 35

**Testbook Solution**  Correct Option **- 2**

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**Que. 13** The average age of two sons and their father is greater than the average age of the two sons and their mother by 4 years. If the average age of these four persons is 19 years and the average age of the two sons is 6 years, then the ratio of the ages between the father and mother is

1. 19 : 13
2. 18 : 17
3. 17 : 13
4. 16 : 13

**Testbook Solution**  Correct Option **- 1**

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**Que. 14** The average weight of A, B, C is 84 kg. If D joins this group, their average weight becomes 80 kg. If another man E who weighs 3 kg more than D replaces A then, the average weight of B, C, D, E becomes 79 kg. The weight of A (in kg), is

1. 68
2. 72
3. 75
4. 80

**Testbook Solution**  Correct Option **- 3**

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**Que. 15** A trader bought cycles for a sum of Rs. 7,800. He sold the first one at 4% profit and the second one at 9% loss. Later he found that each cycle is sold for the same price. Then the cost price (in Rs.) of that cycle which is sold for loss is

1. 4,560
2. 3,240
3. 4,160
4. 3,640

**Testbook Solution**  Correct Option **- 3**

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**Que. 16** A person sold an article for Rs. 144, thereby gaining a profit percent equal to the cost price. Then the cost price of that article (in Rs.) is

1. 64
2. 75
3. 80

4.  90

**Testbook Solution**  Correct Option - **3**

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**Que. 17**  The cost price of a pair of shoes is Rs. 800. Its marked price is Rs. 1060. If the shopkeeper suffered a loss of 12% in the festival sale, the approximate discount percent he offered was

1.  36.2
2.  33.6
3.  32
4.  26

**Testbook Solution**  Correct Option - **2**

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**Que. 18**  P sold an article to Q for 25% profit, Q sold it to R for 15% loss, and R sold it to S for 20% profit. If S bought it for Rs. 204, P's purchase price of that article (in Rs.) is

1.  160
2.  175
3.  240
4.  310

**Testbook Solution**  Correct Option - **1**

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**Que. 19**  If a reduction of Rs. 3 is given on an article and sold it to Rs. 42, then the percentage of discount allowed is

1.  14
2.  9
3.  $8\dfrac{1}{3}$
4.  $6\dfrac{2}{3}$

**Testbook Solution**  Correct Option - **4**

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**Que. 20**  After allowing a discount of 20% on the marked price of an article, a shop keeper makes a profit of 12%. What percent is its marked price above its cost price?

1.  40
2.  32
3.  25
4.  16

**Testbook Solution**  Correct Option - **1**

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**Que. 21**  A train of length 180 meters moving with uniform speed crosses a telephone pole in 18 seconds. Due to detachment of some coaches, its length is reduced to 150 meters. Now the time (in seconds) taken by this train moving with same speed to cross a bridge of length 120 meters is

1.  27
2.  25
3.  22
4.  15

**Testbook Solution**  Correct Option - **1**

**Que. 22**  In a 100 meters running race, if A defeats B in 10 meters and defeats C in 28 meters, then in how many meters B defeats C?

1. 18
2. 20
3. 24
4. 30

**Testbook Solution**  Correct Option - **1**

**Que. 23**  A certain number of men will complete a work in 60 days. If 8 men join them, it will be finished earlier by 15 days. How many men were there originally?

1. 24
2. 22
3. 20
4. 18

**Testbook Solution**  Correct Option - **1**

**Que. 24**  12 men and 16 women can do a piece of work in 6 days and 15 men and 30 women can do it in 4 days. The time (in days) needed for 6 men and 12 women to complete it is

1. 14
2. 12
3. 10
4. 9

**Testbook Solution**  Correct Option - **3**

**Que. 25**  Chandu takes twice as much time as Avinash and thrice as Satish to finish a piece of work. Together they can finish the work in a day. Chandu started that work and after 2 days he left it. The time (in hours) needed for Avinash and Satish to finish the remaining work together is:

1. $26\dfrac{1}{5}$
2. 24
3. $22\dfrac{1}{3}$
4. $19\frac{1}{5}$

**Testbook Solution**  Correct Option - **4**

**Que. 26**  The angle between the two hands of a clock at 9:40 hours is

1. 50°
2. 88°
3. 75°
4. 68°

**Testbook Solution**  Correct Option - **1**

**Que. 27**  The hands of a clock point in opposite directions between 4 O' clock and 5 O' clock at

1. $56\dfrac{4}{11}$ minutes past 4 O' clock

2. $54\frac{6}{11}$ minutes past 4 O' clock

3. $50\frac{4}{11}$ minutes past 4 O' clock

4. 45 minutes past 4 O' clock

**Testbook Solution** Correct Option - **2**

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**Que. 28** If the English new year day of the year 1991 was Tuesday, then what day of the week is 26$^{th}$ January 1998?

1. Sunday

2. Monday

3. Saturday

4. Friday

**Testbook Solution** Correct Option - **2**

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**Que. 29** A and B started a business with investments in the ratio 4 : 5. After 3 months, A withdrew 25% of his capital and B withdrew 20% of his capital. If the profit at the end of the year is Rs. 9000, then B's share of the profit (in rupees) is

1. 3600

2. 4200

3. 4800

4. 5100

**Testbook Solution** Correct Option - **4**

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**Que. 30** A, B and C started a business with capital that are in the ratio 8 : 9 : 10. After 3 months B contributed another $\frac{1}{3}$ of his capital and 3 months there after, C withdrew $\frac{1}{5}$ of his capital. In the annual profit of Rs. 2,37,300, the C's share (in rupees) is

1. 83,000

2. 81,600

3. 75,600

4. 67,300

**Testbook Solution** Correct Option - **3**

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**Que. 31** If $4^x - 4^{(x-1)} = 24$ then $(2x)^x =$

1. $3^5$

2. $2^{5/2}$

3. $4^{5/2}$

4. $5^{5/2}$

**Testbook Solution** Correct Option - **4**

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**Que. 32** $18 - [5 - 66 + 2(7 - \overline{8 - 5})] =$

1. 71

2. 79

3. 97

4. 102

**Testbook Solution** Correct Option - **1**

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**Que. 33**  55.005 + 0.0155 + 5055.05555 + 50.150 - 59.91319 - 5100.31286 =

1. 5010.31286
2. 5011.28163
3. 5100.31865
4. 0

**Testbook Solution** Correct Option - **4**

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**Que. 34**  The number of ordered pairs of positive integers having 30 as their L.C.M. is

1. 30
2. 27
3. 20
4. 15

**Testbook Solution** Correct Option - **2**

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**Que. 35**  The least multiple of 7 which leaves the remainder 4 when divided by each of 6, 9, 15 and 18 is

1. 182
2. 350
3. 364
4. 455

**Testbook Solution** Correct Option - **3**

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**Que. 36**  The sum of two positive integers is 594. Their H.C.F. is 33. The number of pairs of such numbers satisfying these conditions is

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

**Testbook Solution** Correct Option - **2**

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**Que. 37**  The greatest value of k such that each one of the numbers $\dfrac{4}{3k}, \dfrac{20}{42k}, \dfrac{8}{6k} \; and \; \dfrac{36}{63k}$ is an integer is

1. $\dfrac{4}{126}$
2. $\dfrac{4}{8}$
3. $\dfrac{4}{36}$
4. $\dfrac{4}{42}$

**Testbook Solution** Correct Option - **1**

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**Que. 38**  AC is the diameter of the circle and is a diagonal of the quadrilateral ABCD inscribed in it whose sides are AB = 30, CD = 10, BC = 40 units. Then the area (in sq. units) of that quadrilateral is

1. 1200
2. 200√6
3. 100(6 + √6)
4. 100(3 + √3)

**Testbook Solution** Correct Option - **3**

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**Que. 39** A circle is inscribed in an equilateral triangle. If the area of the circle is 462 cm², then the perimeter of that triangle (in cms) is

1. 196
2. 172
3. 132
4. 126

**Testbook Solution** Correct Option - **4**

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**Que. 40** The length, breadth and height of a room are in the ratio 3 : 2 : 1 and the sum of their dimensions is 18 meters. If the walls and the ceiling of this room is to be painted at a rate of Rs. 15 per Sq. meter, the expenditure involved (in Rs.) is

1. 1350
2. 1840
3. 1960
4. 2160

**Testbook Solution** Correct Option - **4**

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**Que. 41** In ΔABC, ∠ACB = 90° and CD is perpendicular to AB. If AD = 4 cm and BD = 9 cm, then CD =

1. 6 cm
2. 5 cm
3. 3 cm
4. 8 cm

**Testbook Solution** Correct Option - **1**

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**Que. 42** A hollow cylinder with diameter 6 cm is partially filled with water. A sphere of 3 cm diameter is gently dropped into the cylinder. If it is immersed in water, then the water in the cylinder raises to a further height of

1. 3 cm
2. 2 cm
3. 4 cm
4. $\dfrac{1}{2}$ cm

**Testbook Solution** Correct Option - **4**

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**Que. 43** A hollow iron roller of length 63 cm and having girth 440 cm has a thickness of 4 cm. The volume (in cubic cms) of metal used for making it, is

1. 116740
2. 108412
3. 107712
4. 105692

---

**Que. 44**  A solid cone of height 9 cm with base diameter 18 cm is cut out from a wooden solid sphere of radius 9 cm. The percentage of wood that is wasted in this process is

1.  75
2.  67
3.  65
4.  60

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**Que. 45**  Two pipes can separately fill a tank in 20 hrs and 30 hrs respectively. Both these pipes are opened simultaneously and after the tank is $\frac{1}{3}^{rd}$ full, a leak develops in the tank through which $\frac{1}{3}^{rd}$ of water supplied thereafter by both pipes gets leaked out. The total time (in hours) taken to fill the tank is

1.  18
2.  16
3.  15
4.  12

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**Que. 46**  A pipe can fill a cistern in 12 minutes while a second pipe fills it in 15 minutes. But a third pipe can empty that completely filled cistern in 6 minutes. The fist two pipes are kept open for 5 minutes initially and then the third one is also opened. Then the further time (in minutes) taken to empty that cistern is

1.  30
2.  40
3.  45
4.  50

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**Que. 47**  Suresh's income is Rs. 40,000 per month. His income get increased by 8%. Simultaneously his expenditure is increased by 12% and his savings is decreased by 4%. His initial saving (in Rs.) is

1.  10,000
2.  9,600
3.  9,000
4.  8,400

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**Que. 48**  The milk and water in vessel A and B are in the ratios 4 : 3 and 2 : 3 respectively. The ratio in which the liquids in both vessels are to be mixed to obtain a new mixture in an empty vessel C to consist of half milk and half water, is

1.  8 : 4
2.  7 : 5
3.  4 : 3
4.  2 : 3

**Que. 49** The average marks obtained by 120 candidates in a certain examination is 35. If the average marks of passed candidates is 39 and the failed candidates is 15, then the number of candidates who passed the examination is
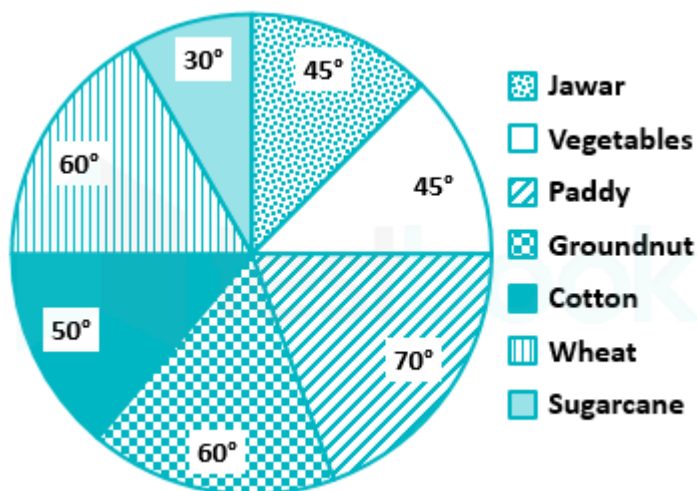
1. 85
2. 90
3. 95
4. 100

**Testbook Solution**  Correct Option - 4

**Que. 50** The sum of 5 consecutive odd numbers is 195. The second lowest number of this series is 5 less than the second highest number of another series of 5 consecutive even numbers. Then 65% of the middle number of that series of consecutive even numbers is

1. 24
2. 22
3. 25
4. 26

**Testbook Solution**  Correct Option - 4

**Que. 51** Study the following diagram and use it to answer the following questions. 'Pie diagram' given below shows the distribution of land to various food crops.



The percentage of area allocated to Jowar and Vegetables put together is

1. 50
2. 35
3. 30
4. 25

**Testbook Solution**  Correct Option - 4

**Que. 52** The ratio of the land allocated for Paddy to the land allocated for vegetables is

1. 7 : 3
2. 14 : 9
3. 5 : 9
4. 7 : 9

**Testbook Solution**  Correct Option - 2

**Que. 53** If a hectares of land is allocated for Cotton and b hectares of land allocated to Groundnut; and if $\frac{a}{b} = k$, then 6k =

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

**Testbook Solution** Correct Option - **1**

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**Que. 54** If the land allocated to Vegetables is 120 acres, then the land allocated to Wheat (in acres) is

1. 140
2. 150
3. 155
4. 160

**Testbook Solution** Correct Option - **4**

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**Que. 55** If the land allocated for Cotton is 200 hectares more than the land allocated for Jowar, then the land (in hectares) allocated for Paddy is

1. 2800
2. 3200
3. 3600
4. 4200

**Testbook Solution** Correct Option - **1**

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**Que. 56** To answer the questions, read the following information and choose the correct option.

In a group of five persons A, B, C, D, E

(i) B and C are bright in Mathematics and Geography

(ii) A and C are bright in Mathematics and History

(iii) B and D are bright in Politics and Geography

(iv) D and E are bright in Politics and Botany

(v) E is bright in Botany, History and Politics

Choose the bright in Politics, Mathematics and Geography?

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

**Testbook Solution** Correct Option - **2**

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**Que. 57** Who is bright in Mathematics and History but not in Geography?

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

**Testbook Solution** Correct Option - **3**

| **Que. 58** | All the faces of a solid cube are painted with yellow colour. If this cube is cut along its faces into 125 identical cubes, the number of such cubes that will have exactly two coloured faces, is |

1. 12
2. 4
3. 8
4. 36

**Testbook Solution** Correct Option - **4**

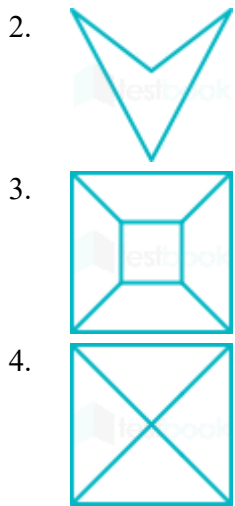| **Que. 59** | The exact die among the following options that can be obtained by folding the sheet given in the following figure is |



1.


2.


3.


4.


**Testbook Solution** Correct Option - **2**

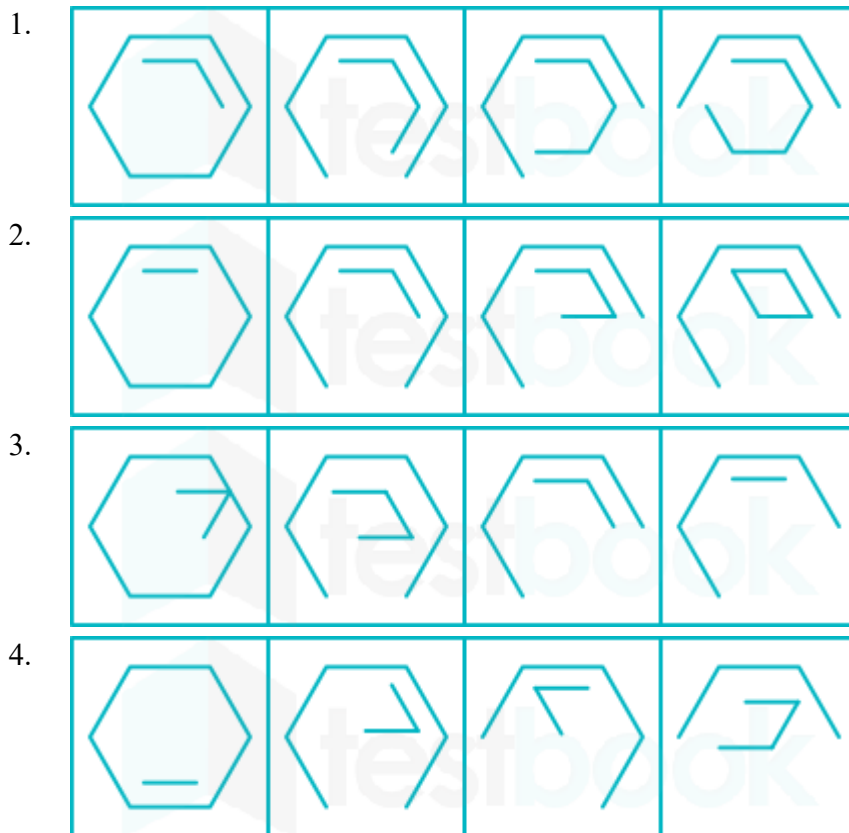| **Que. 60** | One of the hidden figure, in the following figure is |



1.

**2.**



**3.**



**4.**



**Testbook Solution**  Correct Option - **3**

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**Que. 61**  Which one of the following options follows the given rule?

**Rule:** The closed figure inside the first cell goes on losing its sides one at a time and the open figure inside the first cell goes on gaining its sides one at a time.

**1.**



**2.**



**3.**



**4.**



**Testbook Solution**  Correct Option - **1**

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**Que. 62**  If AXB = A$^2$ - B$^2$ and AYB = A$^2$ + B$^2$, then the value of (9X6) Y (8X5)

1. 3645
2. 3546
3. 3456
4. 6345

**Testbook Solution**  Correct Option - **2**

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**Que. 63**  The count of numbers in the following sequence such that each of which is immediately preceded by a consonant and immediately followed by a symbol is

R * T J L 2 $ D = M # 8 C % B < K 1 & A W ? P E + Q @ 7 F 6

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

**Testbook Solution** Correct Option - **4**

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**Que. 64** How many consonants are there in the following sequence, each of which is immediately preceeded by a consonant but not immediately followed by a symbol?

N 8 J * 4 W M 1 U % K 2 # B D 7 Q I T 3 Δ P A D 5 E R

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

**Testbook Solution** Correct Option - **2**

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**Que. 65** In question, a sequence with one blank is given in each question. Identify the correct answer among the given options to fill that blank.

448, 220, 106, 49, _____, 6.25

1. 17.5
2. 20.5
3. 12.5
4. 9.25

**Testbook Solution** Correct Option - **2**

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**Que. 66** In question, a sequence with one blank is given in each question. Identify the correct answer among the given options to fill that blank.

7, 151, 251, 315, _____

1. 351
2. 417
3. 513
4. 619

**Testbook Solution** Correct Option - **1**

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**Que. 67** In question, a sequence with one blank is given in each question. Identify the correct answer among the given options to fill that blank.

142, 145, 140, 133, 136, 131, 124, 127, _____

1. 126
2. 125
3. 123
4. 122

**Testbook Solution** Correct Option - **4**

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**Que. 68** In question, a sequence with one blank is given in each question. Identify the correct answer among the given options to fill that blank.

A, CD, GHI, _____, UVWXY

1. NOPQ
2. KLMN
3. MNOP
4. OPQR

**Testbook Solution**  Correct Option **- 3**

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**Que. 69**  In question, a sequence with one blank is given in each question. Identify the correct answer among the given options to fill that blank.

USR, QON, MKJ, _____, ECB.

1. IGE
2. IFE
3. IFG
4. IGF

**Testbook Solution**  Correct Option **- 4**

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**Que. 70**  In the question, there must be 4 entries and there must be a definite relation between the first two entries. The same relation also holds between the third and fourth entries. Fill in the blanks with correct option.

6 : _____ :: 5 : 124

1. 146
2. 164
3. 215
4. 175

**Testbook Solution**  Correct Option **- 3**

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**Que. 71**  In the following question, select the related word from the given alternatives.

KNQT : MQUY :: ADGJ : _____

1. DGEF
2. MPVW
3. BEHK
4. CGKO

**Testbook Solution**  Correct Option **- 4**

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**Que. 72**  In the question, there must be 4 entries and there must be a definite relation between the first two entries. The same relation also holds between the third and fourth entries. Fill in the blanks with the correct option.

Ample : Enormous :: _____ : _____

1. Cat : Tiger
2. Warmth : Frost
3. Stout : Lusty
4. Rich : Prince

**Testbook Solution**  Correct Option **- 3**

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**Que. 73**  The question is followed by two statements I and II.

For real numbers a and b, is |a| > |b|?

(I) a > b

(II) a = b

   1.    Statement I alone can give the answer to the question
   2.    Statement II alone can give the answer to the question
   3.    Statement I and II together only can give the answer to the question
   4.    Statements I and II together also cannot answer the question and additional information is necessary

**Testbook Solution**  Correct Option - **2**

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**Que. 74**  The question is followed by two statements I and II.

If n exactly divisible by 120?

(I) n is the product of five consecutive integers

(II) n is divisible by 6 and 20

   1.    Statement I alone can give the answer to the question
   2.    Statement II alone can give the answer to the question
   3.    Statement I and II together only can give the answer to the question
   4.    Statements I and II together also cannot answer the question and additional information is necessary

**Testbook Solution**  Correct Option - **1**

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**Que. 75**  The question is followed by two statements I and II.

What is the area of $\Delta DEF$?

(I) D, E, F are mid-points of the sides of $\Delta ABC$

(II) Area of $\Delta ABC$ is 10 sq. units.

   1.    Statement I alone can give the answer to the question
   2.    Statement II alone can give the answer to the question
   3.    Statement I and II together only can give the answer to the question
   4.    Statements I and II together also cannot answer the question and additional information is necessary

**Testbook Solution**  Correct Option - **3**

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**Que. 76**  The question is followed by two statements I and II.

If $a_0 = 5$, what is the value of $a_0 + a_1 + \_\_\_\_\_ + a_7$?

(I) $a_n = 3.a_{n-1}$, for $1 \leq n \leq 7$

(II) $a_n > 0$, for $1 \leq n \leq 7$

   1.    Statement I alone can give the answer to the question
   2.    Statement II alone can give the answer to the question
   3.    Statement I and II together only can give the answer to the question
   4.    Statements I and II together also cannot answer the question and additional information is necessary

**Testbook Solution**  Correct Option - **1**

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**Que. 77**  The question is followed by two statements I and II.

What is the profit percentage?

(I) The cost price of 8 books is the selling price of 6 books

(II) Each book is sold at Rs. 72

   1.    Statement I alone can give the answer to the question

2.  Statement II alone can give the answer to the question
3.  Statement I and II together only can give the answer to the question
4.  Statements I and II together also cannot answer the question and additional information is necessary

**Testbook Solution**  Correct Option **- 1**

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**Que. 78**  The question is followed by two statements I and II.

For x, y ∈ Z, what is the value of $4x^3y - \dfrac{4x^3}{y}$?

(I) x = 2

(II) $y^2 = 4$

1.  Statement I alone can give the answer to the question
2.  Statement II alone can give the answer to the question
3.  Statement I and II together only can give the answer to the question
4.  Statements I and II together also cannot answer the question and additional information is necessary

**Testbook Solution**  Correct Option **- 1**

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**Que. 79**  The question is followed by two statements I and II.

How is A related to B?

(I) B is the brother of C and C is the son of A.

(II) A is the husband of D and D is the mother of B.

1.  Statement I alone can give the answer to the question
2.  Statement II alone can give the answer to the question
3.  Statement I and II together only can give the answer to the question
4.  Statements I and II together also cannot answer the question and additional information is necessary

**Testbook Solution**  Correct Option **- 2**

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**Que. 80**  The question has two statements labeled as Assertion (A) and Reason (R). Choose the correct option from options given below.

**Assertion (A):** India has a tropical monsoon type climate

**Reason (R):** India is located exactly between the tropical latitudes

1.  Both (A) and (R) are true and (R) is the correct explanation of (A)
2.  Both (A) and (R) are true but (R) is not the correct explanation of (A)
3.  (A) is true but (R) is false
4.  (A) is false and (R) is true

**Testbook Solution**  Correct Option **- 3**

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**Que. 81**  The question has two statements labeled as Assertion (A) and Reason (R). Choose the correct option from options given below.

**Assertion (A):** Food materials should not have be soaked in water for a long time.

**Reason (R):** Washing leads to loss of Vitamin A and Vitamin D from the food stuff

1.  Both (A) and (R) are true and (R) is the correct explanation of (A)
2.  Both (A) and (R) are true but (R) is not the correct explanation of (A)
3.  (A) is true but (R) is false
4.  (A) is false and (R) is true

**Testbook Solution**  Correct Option **- 3**

**Que. 82** The question has two statements labeled as Assertion (A) and Reason (R). Choose the correct option from options given below.

**Assertion (A):** Red colour of blood is due to haemoglobin

**Reason (R):** Haemoglobin is a red pigment.

1. Both (A) and (R) are true and (R) is the correct explanation of (A)
2. Both (A) and (R) are true but (R) is not the correct explanation of (A)
3. (A) is true but (R) is false
4. (A) is false and (R) is true

**Testbook Solution**  Correct Option - **1**

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**Que. 83** In the following question, find the odd term from the give choices and write it as your answer.

1. Eagle
2. Peacock
3. Ostrich
4. Hawk

**Testbook Solution**  Correct Option - **3**

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**Que. 84** In the following question, find the odd term from the give choices and write it as your answer.

1. September
2. May
3. June
4. November

**Testbook Solution**  Correct Option - **2**

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**Que. 85** In the following question, find the odd term from the give choices and write it as your answer.

1. EJO
2. HMR
3. DIN
4. LPT

**Testbook Solution**  Correct Option - **4**

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**Que. 86** In the following question, find the odd term from the give choices and write it as your answer.

1. 273
2. 133
3. 155
4. 221

**Testbook Solution**  Correct Option - **1**

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**Que. 87** In the following question, find the odd term from the give choices and write it as your answer.

1. 6
2. 20
3. 42
4. 74

**Testbook Solution**  Correct Option - **4**

**Que. 88** Anil walks 20 meters from his school towards North. He then turns left, walks 30 meters, again turns left and walks 20 meters. He then turns right and walks 40 meters. The nearest distance and the direction from the school to his present position, is

1. 50 meters, North
2. 70 meters, South
3. 70 meters, West
4. 50 meters, West

**Testbook Solution** Correct Option - **3**

**Que. 89** Sunil is facing East. He turned 100° in the clockwise direction and then turned 145° in the anti clock wise direction. In which direction is Sunil facing now?

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

**Testbook Solution** Correct Option - **2**

**Que. 90** In a certain code, if "RECTANGLE" is coded as "IVXGZMTOV", then the code for "SPHERE" is

1. HKSVJV
2. HTKVIV
3. HKTVIV
4. HKSVIV

**Testbook Solution** Correct Option - **4**

**Que. 91** In a certain code, if PINK = 50 and RED = 27, then BLACK =

1. 41
2. 32
3. 29
4. 28

**Testbook Solution** Correct Option - **3**

**Que. 92** If strawberry is called apple, apple is called grape, grape is called mango, mango is called pomegranate and pomegranate is called guava, which of the following is a yellow fruit?

1. Mango
2. Pomegranate
3. Grape
4. Guava

**Testbook Solution** Correct Option - **2**

**Que. 93** In a certain code if SILVER is written as MJTSFW and FORM is written as PGNS, then the code for COVALENT is

1. BPWUODFM
2. BWPDUOFM
3. BWPUDOMF
4. FMBWPDUO

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**Que. 94**  If 'DECK' is written as QRPX in a certain code, then the code for LIME is

1.   VYRZ
2.   RZVY
3.   VZRY
4.   YVZR

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**Que. 95**  A man said to a woman, "The only son of your brother is the brother of my wife". Then that woman is related to the wife of that man as

1.   Aunt
2.   Sister
3.   Mother
4.   Grand mother

---

**Que. 96**  Read the information carefully and answer the following questions.

A health club gives 50% concession in their subscription to those who belong to any one of the following categories.

(i) Children of age between 5 and 12 years from low income group.

(ii) Female upto 25 years of age, who represent in games and sports at national level

(iii) Senior citizens of age above 60 years.

(iv) Physically challenged persons.

The candidate will be referred to the secretary if he/she does not belong to any of the above category but donates blood once in a year:

Anthony, who is about to complete 60 years, donates blood once in a year.

1.   The candidate is eligible for concession
2.   The candidate is referred to the secretary
3.   The candidate is not eligible for concession
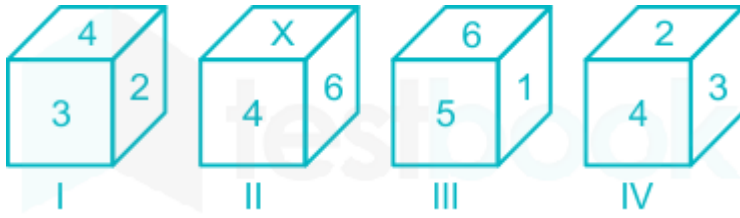4.   The data is inadequate.

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**Que. 97**  Anitha is a national player in Table Tennis.

1.   The candidate is eligible for concession
2.   The candidate is referred to the secretary
3.   The candidate is not eligible for concession
4.   The data is inadequate.

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**Que. 98**  Given below are the different positions of a die. The number that comes in the place of X is

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

**Testbook Solution**  Correct Option - **3**

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**Que. 99** | Read the information given below and answer the questions.

A, B, C, D, E, F, G and H are eight friends sitting around a circular table facing towards its centre as follows:

(i) H is on the immediate left of A but is not a neighbour of D or E

(ii) F is on the immediate right of B and G is a neighbour of E.

(iii) C is in between E and F

The position of D is

1.  On immediate right of B
2.  Second to the right of F
3.  On the immediate left of B
4.  Between B and F

**Testbook Solution**  Correct Option - **3**

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**Que. 100** | Which of the following is true?

1.  E is between F and B
2.  F is a neighbour of G
3.  G is in between H and E
4.  H is between A and D

**Testbook Solution**  Correct Option - **3**