

**NIACL  
Assistant**

**Memory Based Paper  
Prelims  
08 Sep, 2018**

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## 100 Questions

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**Que. 1** Read the passage and answer the following questions.

A great pundit came to Vijayanagara. He had mastered all the scriptures, and had won the admiration of learned men all over India. He had come to challenge the pundits in the court of King Krishnadeva Raya to face him in a debate. The scholars in Vijayanagara were **reluctant** to face this pundit. They felt they were no match to the pundit in scholarship. But the King would be annoyed if they refused to accept the challenge. One of them said, "Let us speak to Raman. Surely, he will find a solution." The pundits called on Raman, and explained the situation. Raman assured them that he could take on the challenger. "For one day, you must accept me as the Chief Pundit," he said. The other pundits readily agreed. The next day, the pundits carried Raman in a palanquin to the palace hall. Raman and the challenger sat facing each other. Two pundits carrying a huge bundle wrapped in silken cloth entered the hall. They placed the bundle next to Raman and bowed to him. Raman placed his hand on the bundle next to him. "We can begin the debate discussing the merits of tila-kashta-mahisha-bandhana," said Raman. The other pundit was taken aback. He had read thousands of scholarly works in Sanskrit. But he had never heard of this work mentioned by Raman. If he had not even read anything about it, how could he discuss the merits of this work? The pundit **conceded** defeat and quietly left the palace. The King was curious to know what great work Raman had referred to. Raman removed the silk cloth revealing a huge bundle of sticks tied with a thick rope! The King frowned and asked Raman to explain. "Maharaj, til is mustard; kashta is stick, tilakashta means sticks of mustard plants," explained Raman. Then, displaying the rope Raman said, "This is rope used to tie up a buffalo — mahisha means buffalo, bandhana means the rope used for tying — so, this is tila-kashta-mahisha-bandhana" The king burst out laughing. The poor pundit had gotten scared when he heard such a complicated name! Raman had saved the honour of Vijayanagara by his wit. The king richly rewarded Raman.

Why had the pundit come to Vijayanagara?

1. To occupy a position in the court of Vijaynagara
2. To visit the kingdom of Vijaynagara
3. To learn about new scriptures and articles
4. To challenge the learned men of Vijaynagara
5. To challenge the king and win a part of kingdom

Correct Option - 4

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**Que. 2** Which of the following can be inferred from the passage?

1. The people were confident that the King would defeat the pundit.
2. The people could understand that the pundit was duping the people.
3. Raman was considered to be the most intelligent person in the kingdom.
4. The people were not interested in taking part in the debate.
5. The pundit was cruel and arrogant and was taught a good lesson.

Correct Option - 3

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**Que. 3** How did Raman defeat the pundit in the debate?

1. He impressed the pundit so much that he accepted defeat himself.
2. He confused the pundit using his wit of words.

3. He put on an act of being more arrogant and learned than him.
4. He cheated from the scriptures and outwitted the pundit.
5. He used his knowledge and learning of years to defeat the pundit.

Correct Option - 2

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**Que. 4** Which of the following is true according to the passage?

- A. The pundit had got scared by Raman's words.
- B. The king had to reward the pundit in a grand manner.
- C. Raman had brought up a very complicated matter to win the debate.

1. Only B
2. Both A and B
3. Only C
4. Both B and C
5. Only A

Correct Option - 5

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**Que. 5** Why did the King burst out laughing?

1. Raman had cracked a joke on the pundit which made everyone laugh.
2. Raman had said something funny but the pundit had not understood it.
3. Raman had used complex words for a very simple thing and that had scared a learned man.
4. The words meant a funny thing and the king could not control his laughter.
5. The answer of the pundit to Raman's question made everyone laugh.

Correct Option - 3

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**Que. 6** Which of the following is MOST OPPOSITE in meaning to the word 'RELUCTANT'?

1. Hesitant
2. Rooted
3. Stubborn
4. Eager
5. Insistent

Correct Option - 4

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**Que. 7** Which of the following is MOST SIMILAR in meaning to the word 'CONCEDED'?

1. Opposed
2. Hid
3. Admitted
4. Argued
5. Faltered

Correct Option - 3

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**Que. 8** Choose the correct spelling of the word.

1. Relinquire
2. Relinquish
3. Relanquish
4. Relanquise
5. Rilenquish

Correct Option - 2

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**Que. 9** Choose the correct spelling of the word.

1. Deleberate
2. Delabarate
3. Daliberate
4. Deliberate
5. Delaberate

Correct Option - 4

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**Que. 10** Choose the correct spelling of the word.

1. Berguious
2. Bourgeois
3. Burgeious
4. Burgoeis
5. Bourgios

Correct Option - 2

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**Que. 11** Choose the correct spelling of the word.

1. Nembile
2. Nemble
3. Nimble
4. Nimbel
5. Neamble

Correct Option - 3

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**Que. 12** Choose the correct spelling of the word.

1. Confesd
2. Confesed

3. Confesed
4. Confessed
5. Confessed

Correct Option - 5

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**Que. 13** Choose the correct spelling of the word.

1. Crummy
2. Cremmy
3. Craumy
4. Crammy
5. Crumy

Correct Option - 1

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**Que. 14** Read the sentence to find an error in it. Each part of the sentence is numbered and choose the part that contains an error. If there is no error in the sentence choose option 5 that is 'No error' as your answer.

After staying at a (1)/ crummy hotel in a night, (2)/ the couple decided to look for a (3)/nicer room that wasn't so run down.(4)/ No error (5)

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

Correct Option - 2

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**Que. 15** Read the sentence to find an error in it. Each part of the sentence is numbered and choose the part that contains an error. If there is no error in the sentence choose option 5 that is 'No error' as your answer.

The restaurant has (1)/ good foods but has (2)/ a bad reputation(3)/ because of its lazy workers.(4)/ No error (5)

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

Correct Option - 2

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**Que. 16** Read the sentence to find an error in it. Each part of the sentence is numbered and choose the part that contains an error. If there is no error in the sentence choose option 5 that is 'No error' as your answer.

The housekeeper bare(1)/ does her job and (2)/ spends most of her day (3)/ watching tv instead of cleaning.(4)

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

Correct Option - 1

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**Que. 17** Read the sentence to find an error in it. Each part of the sentence is numbered and choose the part that contains an error. If there is no error in the sentence choose option 5 that is 'No error' as your answer.

It is always easier said (1)/ than doing so you should (2)/ focus more on bringing (3)/out the desired result.(4)

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

Correct Option - 2

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**Que. 18** Read the sentence to find an error in it. Each part of the sentence is numbered and choose the part that contains an error. If there is no error in the sentence choose option 5 that is 'No error' as your answer.

Tara along with (1)/ her cousins has gone (2)/ to the market to buy(3)/ clothes for the party.(4)/No error (5)

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

Correct Option - 5

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**Que. 19** Read the sentence to find an error in it. Each part of the sentence is numbered and choose the part that contains an error. If there is no error in the sentence choose option 5 that is 'No error' as your answer.

He fell on the floor(1)/ sobbed loudly that he(2)/ had lost all the money (3)/because of his foolishness.(4)/No error(5)

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

5. 5

Correct Option - 2

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**Que. 20** Choose the correct word to complete the sentence.

The customer issued a \_\_\_\_\_ against the manager, claiming that she was rude when speaking to him.

1. Trite
2. Control
3. Complaint
4. Rumour
5. Grudge

Correct Option - 3

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**Que. 21** Choose the correct word to complete the sentence.

She loved the food so much that she did not pass a single \_\_\_\_\_ comment about it.

1. Negative
2. Loud
3. Desirable
4. Moaning
5. Willing

Correct Option - 1

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**Que. 22** Choose the correct word to complete the sentence.

Even though I have the \_\_\_\_\_ to cook I feel lazy to cook every day.

1. Hesitance
2. Payment
3. Allotment
4. Ability
5. Trust

Correct Option - 4

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**Que. 23** Choose the correct word to complete the sentence.

There is nothing \_\_\_\_\_ about the place so I want to go back.

1. Conscious
2. Nasty
3. Fascinating
4. Cold
5. Inappropriate

Correct Option - 3

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**Que. 24** Choose the correct word to complete the sentence.

You cannot \_\_\_\_\_ your idea on her as every individual has the right to think for himself.

1. Oppose
2. Conflict
3. Treat
4. Impose
5. Enrage

Correct Option - 4

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**Que. 25** Choose the correct word to complete the sentence.

Although my daughter hates the school dress code, she knows she must \_\_\_\_\_ by it.

1. Stress
2. Follow
3. Rule
4. Abide
5. Devoid

Correct Option - 4

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**Que. 26** Arrange the sentences in the correct order and answer the following questions.

- A. The story of India's fall from one of the fastest growing economies in 2010/11 to the 'fragile five' was largely due to the inability of policy makers and ministers to recognise a simple fact.
- B. It appears that the hysterical response to rising petrol and diesel prices is yet another indication that public perception is sought to be managed in an attempt to push India into a fiscally unsustainable path of cutting oil duties.
- C. Politics has a way of compressing public perception of an issue to enhance the appeal of short-term measures.
- D. The fact was this that short-term measures, especially those that play to the gallery, ultimately end up causing long-term pain.
- E. At the same time it conveniently ignores the devastating long-term problems caused by them.

Which of the following is the FIRST sentence after rearrangement?

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

Correct Option - 3

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**Que. 27** Which of the following is the SECOND sentence after rearrangement?

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

Correct Option - 5

**Que. 28** Which of the following is the THIRD sentence after rearrangement?

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

Correct Option - 1

**Que. 29** Which of the following is the FOURTH sentence after rearrangement?

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

Correct Option - 4

**Que. 30** Which of the following is the FIFTH sentence after rearrangement?

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

Correct Option - 2

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

Seven persons A, B, C, D, E, F, and G are sitting in a row but not necessarily in a same order. Among them, 4 persons are facing north and rest of them are facing south.

E sits fourth to the right of A. There are two persons sitting between B and C. B is not immediate neighbor of E. D sits second to the left of E. A sits at the extreme end of the row. Only one person is sitting at the right of G. F faces north and E sits immediate right of F. The persons sitting on extreme ends, are in opposite direction to each

other. There are more than three persons sitting at the right of E.  
What is the position of B with respect to D?

1. Third to the right
2. Fourth to the left
3. Immediate Right
4. Fourth to the right
5. Second to the left

Correct Option - 4

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**Que. 32** Four of the following are alike in a certain way and hence form a group. Which is the one that does not belong to that group?

1. GED
2. ABC
3. BFE
4. AFC
5. None of these

Correct Option - 3

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**Que. 33** Which of the following is definitely true?

1. A and C are sitting at the both extreme corners.
2. B and D are facing in same direction.
3. F sits second to the left of G.
4. D sits fourth to the right of E.
5. None of the above statement is true.

Correct Option - 3

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**Que. 34** Who among the following sits to the immediate left of C?

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

Correct Option - 4

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**Que. 35** Which of the following are immediate neighbors of B?

1. FC
2. ED
3. GC

4. AE
5. GF

Correct Option - 5

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**Que. 36** **Directions:** Study the following arrangement carefully and answer the questions given below:  
Q K 9 R 6 % A Y # 7 P 2 U \$ H N & F S C 8 L X 1 μ B W 3 T 4 G D

How many consonants are in the above arrangement, such that each is preceded and succeeded by a number?

1. None
2. One
3. Two
4. Three
5. More than three

Correct Option - 4

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**Que. 37** How many symbols are between R and W such that it is both immediately preceded and immediately followed by a consonant?

1. None
2. One
3. Two
4. Three
5. More than three

Correct Option - 2

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**Que. 38** How many such numbers are there in the above arrangement, each of which is immediately preceded by a consonant and immediately followed by a symbol?

1. None
2. One
3. Two
4. Three
5. None of these

Correct Option - 3

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**Que. 39** Which character is third to the left of the second symbol from the right in the given arrangement?

1. %
2. \$
3. A
4. 3
5. None of these

Correct Option - 2

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**Que. 40** Which of the following is exactly in the middle between the tenth from the right and the seventh from the left in the arrangement?

1. N
2. %
3. F
4. H
5. None of these

Correct Option - 4

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**Que. 41** **Direction:** In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is/are definitely true and then give your answers accordingly.

**Statements:**  $B \leq L \leq A > N = C > E$ ;  $C \geq V > R = S$

**Conclusions:**

I.  $N \geq V$

II.  $E < V$

1. Both conclusions I and II are true
2. Either conclusion I or II is true
3. Neither conclusion I nor II is true
4. Only conclusion I is true
5. Only conclusion II is true

Correct Option - 4

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**Que. 42** **Directions:** In the following question assuming the given statements to be true, find which of the conclusion among given three conclusions is /are definitely true and then give your answers accordingly.

**Statements:**

$B \leq C, D = E, C < D, D > A$

**Conclusions:**

I.  $E \geq A$

II.  $B < D$

III.  $E > B$

1. None is true
2. Only I and II are true
3. Only II is true
4. Only II and III are true
5. Only III is true

Correct Option - 4

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**Que. 43** **Directions:** In the question, relationship between different elements is shown in the statements. The statements are followed by two conclusions.

Statements:

$$T \leq U; V < W > X; U = V; Y \geq Z > T$$

Conclusions:

I.  $Z < U$

II.  $U < Y$

1. Only conclusion I is true.
2. Only conclusion II is true.
3. Either conclusion I or II is true.
4. Neither conclusion I nor II is true.
5. Both the conclusion I and II are true.

Correct Option - 4

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**Que. 44** **Directions:** In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is /are definitely true and then give your answers accordingly.

Statements:

$$M < P \leq L; Y > L \leq X; P \geq G$$

Conclusions:

I.  $X \geq G$

II.  $Y > G$

1. Only conclusion I is true.
2. Only conclusion II is true.
3. Either conclusion I or II is true.
4. Neither conclusion I nor II is true.
5. Both conclusions I and II are true.

Correct Option - 5

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**Que. 45** **Directions:** In the following question assuming the given statements to be true, find which of the conclusion among given three conclusions is /are definitely true and then give your answers accordingly.

Statements:

$$A > F, S < O, L \geq M, F \leq L, M = S$$

Conclusions:

I.  $A > S$

II.  $F \geq S$

1. Only conclusions I is true.
2. Only conclusions II is true.
3. Either conclusion I or II is true.

- Neither conclusion I nor II is true.
- Both conclusion I and II are true.

Correct Option - 4

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**Que. 46** Study the following information and answer the given below questions.

P, Q, R, S, T, X, W, and Z are sitting around a circular table facing the centre. X sits third to the left of Q. There are three persons sitting between T and R. Neither Z nor S are the immediate neighbours of X. T sits second to the left of X. Only two persons are sitting between P and S. P is not an immediate neighbour of Q or R.

Who are the neighbors of S?

- TR
- ZQ
- PW
- RX
- None of these

Correct Option - 2

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**Que. 47** Who sits third to the right of Z?

- X
- R
- P
- Q
- W

Correct Option - 1

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**Que. 48** Who sits opposite to W?

- Q
- S
- Z
- T
- None of these

Correct Option - 3

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**Que. 49** Which of the following statement is definitely true?

- S sits fourth to the right of W.
- T and Z are immediate neighbors of each other.
- P sits opposite to R.
- Both 1 and 3
- None of these

Correct Option - 2

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**Que. 50** What is a position of S with respect to T?

1. Second to the left
2. Third to the right
3. Opposite to each other
4. Immediate left
5. None of these

Correct Option - 1

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**Que. 51** **Directions:** The following questions are based on the five three letter words given below  
MAT NET LAP COT NIB

(Note: The words formed after performing the given operations may or may not be meaningful English words.)

If the first and second letters of all the words are interchanged, then the new second letter is changed to its next letter then which word will come fifth as per dictionary order?

1. MAT
2. LAP
3. NIB
4. NET
5. COT

Correct Option - 5

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**Que. 52** If the first letter of all the words is changed to the next letter of the English alphabetical series, how many words will have more than one vowel? (Same or different Vowel)

1. None
2. Three
3. Two
4. More than three
5. One

Correct Option - 3

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**Que. 53** If the second letters of all the words are changed to their previous letters from English letters, which word will come last as per dictionary order?

1. MAT
2. LAP
3. NIB
4. NET
5. COT

Correct Option - 3

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**Que. 54** If all the words are arranged alphabetically, then positions of how many words will be changed?

1. Two
2. Four
3. One
4. None
5. Three

Correct Option - 2

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**Que. 55** If the second and third letters of all the words are interchanged, how many words will form meaningful English words?

1. None
2. Three
3. One
4. Two
5. Four

Correct Option - 1

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**Que. 56** **Directions:** Read the following information carefully and answer the question given below it:

B, E, F, Q, R, S, and V are seven members of a family. There are two married couples in a family. R is a son of V. Q is a mother-in-law of E. B is the only daughter of R. E is a mother of S. F is brother-in-law of E. Q has two children R and F.

How F is related to S?

1. Father
2. Uncle
3. Grandfather
4. Mother
5. Cannot be determined

Correct Option - 2

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**Que. 57** How many male members are there in a family?

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

Correct Option - 3



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**Que. 58** How S and B are related to each other?

1. Brother-Sister
2. Husband-Wife
3. Mother-Son
4. Uncle-Niece
5. None of these

Correct Option - 1

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**Que. 59** **Directions:** In each of the questions below are given few statements followed by some conclusions numbered I, II and III and so on. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts. Give answer

**Statements:**

All stars are moons.

All moons are planets.

All planets are round.

**Conclusions:**

I. At least some planets are stars.

II. All stars which are moon is planet.

1. Only conclusion I follows.
2. Only conclusion II follows.
3. Either conclusion I or conclusion II follows.
4. Neither conclusion I nor conclusion II follows.
5. Both conclusions I and II follow.

Correct Option - 5

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**Que. 60** **Directions:** In each of the questions below are given few statements followed by some conclusions numbered I, II and III and so on. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts. Give answer

**Statements:**

No book is a pencil.

All pencils are pens.

No pen is blue.

**Conclusions:**

I. No blue is a pencil.

II. All books being pen is a possibility.

1. Only conclusion I follows.
2. Only conclusion II follows.
3. Either conclusion I or conclusion II follows.

4. Neither conclusion I nor conclusion II follows.
5. Both conclusion I and conclusion II follow.

Correct Option - 5

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**Que. 61** **Directions:** In the question below are given three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements and answer from the given options disregarding commonly known facts.

**Statements:**

All grey are black.

All blue are black.

No grey is pink.

**Conclusions:**

I. Some black are blue.

II. Some grey are blue.

1. None is true
2. Only I is true
3. Only I and II is true
4. Only II is true
5. Either I or II is true

Correct Option - 2

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**Que. 62** **Direction:** In the question below are given two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

**Statements:**

Some Actors are Singer.

All the Singers are Dancer.

**Conclusions:**

I. Some Actors are Dancer.

II. No Singer is Actor.

1. Only I conclusion follows
2. Only II conclusion follows
3. Either conclusion I or conclusion II follows
4. Neither conclusion I nor conclusion II follows
5. Both conclusion I and conclusion II follow

Correct Option - 1

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**Que. 63** **Direction:** In the question below are given two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with

commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

**Statements:**

All harmoniums are instruments.

All instruments are flutes.

**Conclusions:**

I. All flutes are instruments.

II. All harmoniums are flutes.

1. Only conclusion I follows
2. Only conclusion II follows
3. Either conclusion I or conclusion II follows
4. Neither conclusion I nor conclusion II follows
5. Both conclusion I and conclusion II follow

Correct Option - 2

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**Que. 64** If each of the odd digits in the number 6234518 is changed to the next even digit and the even digits are kept unchanged, how many digits will appear only once in the new number?

1. None
2. One
3. Two
4. Three
5. More than three

Correct Option - 2

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**Que. 65** Among P, Q, R, S, T and U; P is taller than R and S, but not shorter than T and U; and Q is taller than R, S, T, and U but not as tall as P. Who amongst them is the tallest?

1. Data inadequate
2. T
3. 4
4. P
5. None of these

Correct Option - 4

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**Que. 66** There is an increase of 30% in the production of milk chocolates in Amul Dairy in one month. If now it is 9,100 milk chocolates per month, what was it one month ago?

1. 10,000 chocolates
2. 9000 chocolates
3. 8000 chocolates
4. 7000 chocolates

5. None of these

Correct Option - 4

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**Que. 67** A pupil's marks were wrongly entered as 65 instead of 35. Due to that the average marks for the class got increased by half mark than the actual average. The number of pupils in the class is :

1. 55
2. 40
3. 60
4. 73
5. None of the above

Correct Option - 3

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**Que. 68** What should come in place of question mark '?' in the following series?  
54, 58, 49, 65, ?, 76

1. 46
2. 40
3. 52
4. 56
5. 36

Correct Option - 2

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**Que. 69** What should come in place of question mark '?' in the following series?  
6, 5, 7, 12.5, ?, 69.5

1. 25
2. 27
3. 28
4. 30
5. 32

Correct Option - 2

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**Que. 70** What should come in place of '?' in the following number series?  
4, 8, 24, 96, ?, 2880

1. 360
2. 420
3. 560
4. 480
5. 380

Correct Option - 4

**Que. 71** What should come in place of question mark '?' in the following series?  
13, 19, 31, 55, 103, ?

1. 199
2. 201
3. 188
4. 211
5. 178

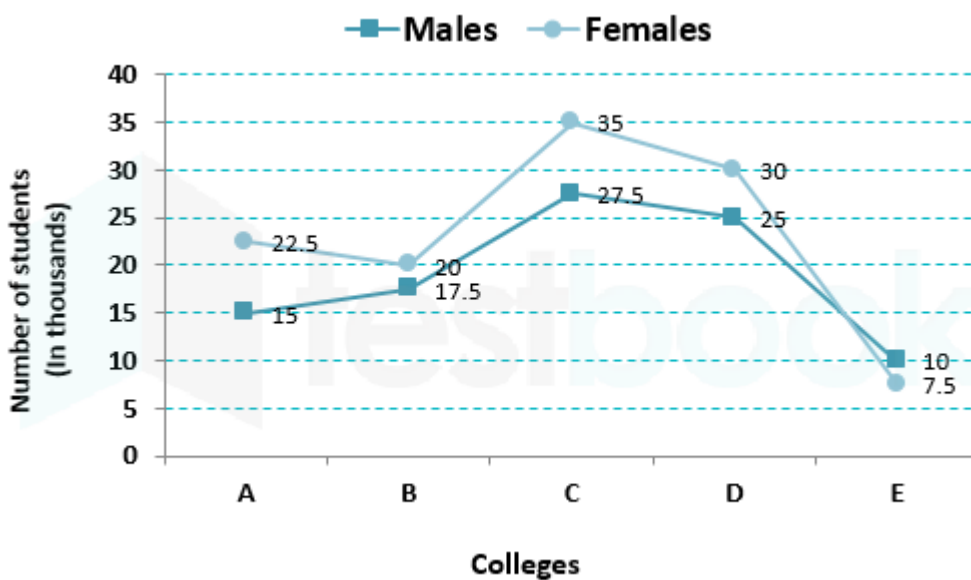
Correct Option - 1

**Que. 72** What should come in place of '?' in the following number series?  
18, 48, 73, 94, 112, ?

1. 130
2. 129
3. 128
4. 132
5. 142

Correct Option - 3

**Que. 73** **Directions:** Study the following graph carefully and answer the questions below it:  
**Number of students (males and females) passed out from various colleges in a year (Number in thousand)**



The number of Males passing out from colleges A and D together is what per cent of the number of Females passing out from colleges B and D together?

1. 90%
2. 75%
3. 70%
4. 80%
5. None of these

Correct Option - 4

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**Que. 74** What is the ratio of the total number of Males to the total number of Females passed out from all the colleges together?

1. 19 : 23
2. 18 : 25
3. 23 : 19
4. 25 : 18
5. None of these

Correct Option - 1

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**Que. 75** What is the difference between the total number of students passing out from college C and the total number of students passing out from college A?

1. 26,500
2. 26,000
3. 25,500
4. 20,000
5. None of these

Correct Option - 5

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**Que. 76** The number of Females passed out from college B is **approximately** what per cent of the total number of Females passed out from all the colleges together?

1. 13
2. 17
3. 15
4. 23
5. 20

Correct Option - 2

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**Que. 77** What is the average number of students (Males and Females) passed out from A, B and C colleges together (approx)?

1. 50800
2. 43800
3. 45800

4. 47800
5. None of these

Correct Option - 3

---

**Que. 78** What approximate value should come in place the of question mark ? in the following question? (You are not expected to calculate the exact value)

$$(9.49)^4 = ?$$

1. 1544
2. 7729
3. 7430
4. 8145
5. 9031

Correct Option - 4

---

**Que. 79** What approximate value should come in place of the question mark ? in the following question? (You are not expected to calculate the exact value)

$$\sqrt{3570} = ?$$

1. 84
2. 79
3. 99
4. 47
5. 60

Correct Option - 5

---

**Que. 80** What approximate value should come in place of the question mark ? in the following question? (You are not expected to calculate the exact value)

$$46324 \div 484 = ?$$

1. 109
2. 81
3. 96
4. 47
5. 15

Correct Option - 3

---

**Que. 81** What should come in place of question mark (?) in the following question?

$$(12)^{54} \times (12)^{-51} = ?$$

1. 2197
2. 1728

3. 1690
4. 1760
5. None of these

Correct Option - 2

---

**Que. 82** What should come in place of question mark (?) in the following question?

$$(27)^{20} \div (27)^5 = ?$$

1.  $(27)^{100}$
2.  $(3)^{45}$
3.  $(3)^{75}$
4.  $(3)^{15}$
5. None of these

Correct Option - 2

---

**Que. 83** What will come in place of the question mark (?) in the following equation?

$$\frac{(13)^{37} \times (13)^{-41}}{(13)^{-6}} = ?$$

1. 169
2. 2197
3. 13
4. 1
5. None of these

Correct Option - 1

---

**Que. 84** What should come in place of question mark (?) in the following question?

$$1.5 \times 50 \div 0.5 = ?$$

1. 238
2. 150
3. 243
4. 216
5. 261

Correct Option - 2

---

**Que. 85** What should come in place of question mark (?) in the following question?

$$8.9 + 12 \times 0.45 - 3 = ?$$

1. 18.5
2. 17.6



3. 6.6
4. 11.3
5. None of these

Correct Option - 4

---

**Que. 86** What should come in the place of question mark (?) in this question?

$$73 \times (27 + 16) = ?$$

1. 3039
2. 3129
3. 2139
4. 3139
5. None of these

Correct Option - 4

---

**Que. 87** What should come in the place of question mark (?) in this question?

$$\sqrt{(?)} = 17/21$$

1. 441/289
2. 289/441
3. 169/441
4. 441/169
5. None of these

Correct Option - 2

---

**Que. 88** Ankit bought some articles of the same price for a total of Rs 1600. He sold one - fourth of the articles at 14% profit. At what % should he sell the remaining to obtain an overall profit of 20%?

1. 16%
2. 18%
3. 20%
4. 22%
5. None of these

Correct Option - 4

---

**Que. 89** 12 years ago, Mary's mother was 6 times older than her daughter. After 16 years, the mother will be twice as old as her daughter. Find the present age of Mary.

1. 18 years
2. 19 years
3. 20 years
4. 21 years

5. 24 years

Correct Option - 2

---

**Que. 90** A train covers 200 km distance in 5 hours. Another train covers the same distance in 1 hour less. What is the difference in the distances covered by these trains in one hour?

1. 45 km
2. 9 km
3. 40 km
4. 10 km
5. None of these

Correct Option - 4

---

**Que. 91** The list price (marked price) of an article is Rs. 1000 and it is available at two successive discounts of 20% and 10%, then the selling price of the article, in rupees, is

1. 640
2. 648
3. 720
4. 738
5. 780

Correct Option - 3

---

**Que. 92** Compound Interest in 3 years at a rate of 10% compounded annually is Rs. 9930. Find simple interest for the same amount for the same time and same rate of interest?

1. 10000
2. 9000
3. 7500
4. 8000
5. 7000

Correct Option - 2

---

**Que. 93** In the given question, two equations I and II are given. Solve both the equations and establish the relationship between x and y.

I.  $2x^2 - 11x + 12 = 0$

II.  $2y^2 - 3y + 1 = 0$

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

5.  $x = y$  or a relationship between  $x$  and  $y$  cannot be established.

Correct Option - 1

---

**Que. 94** In the given question, two equations I and II are given. Solve both the equations and establish the relationship between  $x$  and  $y$ .

I.  $16x - 3y = 26$

II.  $6x - 7y = -2$

1.  $x > y$
2.  $x \geq y$
3.  $x < y$
4.  $x \leq y$
5.  $x = y$  or a relationship between  $x$  and  $y$  cannot be established.

Correct Option - 5

---

**Que. 95** In the given question, two equations I and II are given. Solve both the equations and establish the relationship between  $x$  and  $y$ .

I.  $x^2 - 10x + 21 = 0$

II.  $x - 2y + 3 = 0$

1.  $x > y$
2.  $x \geq y$
3.  $x < y$
4.  $x \leq y$
5.  $x = y$  or a relationship between  $x$  and  $y$  cannot be established.

Correct Option - 5

---

**Que. 96** Given below are two quantities named A and B. Based on the given information, you have to determine the relation between the two quantities. You should use the given data and your knowledge of Mathematics to choose between the possible answers.

**Quantity A:** Profit percent when an article of cost price Rs. 2500 is sold for Rs. 2640.

**Quantity B:** Net percentage discount availed by customer when he gets two successive discounts of 3% each

1. Quantity B  $>$  Quantity A
2. Quantity B  $<$  Quantity A
3. Quantity B  $\geq$  Quantity A
4. Quantity B  $\leq$  Quantity A
5. Quantity B = Quantity A

Correct Option - 1

---

**Que. 97** Given below are two quantities named A and B. Based on the given information, you have to determine the relation between the two quantities. You should use the given data and your knowledge of

Mathematics to choose between the possible answers.

N is a natural number

**Quantity A:** Product of cubes of natural numbers from 1 to N

**Quantity B:** Product of fourth powers of natural numbers from 1 to N

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 relationship cannot be determined.

Correct Option - 4

---

**Que. 98** In a cuboid, the length is 12 cm more than width. Also, width is twice of the height. The sum of all edge lengths is 148 cm. What is the volume of cuboid (in cubic cm)?

1. 900 cm<sup>3</sup>
2. 1000 cm<sup>3</sup>
3. 1100 cm<sup>3</sup>
4. 1200 cm<sup>3</sup>
5. 1500 cm<sup>3</sup>

Correct Option - 3

---

**Que. 99** A mixture of milk and water is prepared by adding 6 liters of water in N liters of water and N liters of milk. If 16 liters of water is added, the ratio of milk and water becomes 1 : 2. Find the value of N.

1. 12
2. 15
3. 19
4. 22
5. 25

Correct Option - 4

---

**Que. 100** A man can row certain distance downstream in 6 hours and return the same distance in 8 hours. If the stream flows at the rate of 4 km/h, then find the speed of the man in still water.

1. 20 km/h
2. 28 km/h
3. 32 km/h
4. 48 km/h
5. 60 km/h

Correct Option - 2