

## REASONING

1. Which of the following will come in the place of the question mark (?) in the following series based on the English alphabetical order?

AEC BFD CGE DHF ?

- (1) EJG (2) EIH  
(3) FIG (4) EIG  
(5) EGI

2. In a certain code language, 'PLATE' is coded as 'QMBUF' and 'CLOUD' is coded as 'DMPVE'. In the same code language, 'RIGHT' will be coded as \_\_\_\_\_.

- (1) SHIU (2) SJHIU  
(3) IUHSJ (4) SJGIU  
(5) None of these

3. How many meaningful English words can be formed with the letters 'ALFT' using all the letters, but, each letter only once in each word?

- (1) One (2) Two  
(3) Three  
(4) More than three  
(5) None

4. Which of the following will come next in the following series?

9 8 7 6 5 4 3 2 1 0 9 8 7 6 5 4 3  
2 1 9 8 7 6 5 4 3 2 9 8 7 6 5 4 3

- (1) 9 (2) 2  
(3) 1 (4) 4  
(5) 8

5. Twelve students are standing in straight line facing North. S is tenth from the left end. T is sixth from the right end. There are five students between S and U. How many students are standing between T and U?

- (1) Four (2) Ten  
(3) Eight (4) Five  
(5) Two

6. A is the son of H. B is the sister of A. C is the uncle of B. How is H related to C?

- (1) Brother-in-law  
(2) Sister (3) Brother  
(4) Sister-in-law  
(5) Cannot be determined

7. 'Gold' is related to 'Metal' in the same way as 'Water' is related to \_\_\_\_\_.

- (1) Hydrogen (2) Liquid  
(3) Thirst (4) Oxygen  
(5) Fire

8. If each letter in the word 'SCALED' is changed to the next letter in the English alphabetical series and then the alphabets so formed are arranged in an alphabetical order from **left to right**, which of the following will be fourth from the left?

- (1) B (2) E  
(3) M (4) F  
(5) D

9. Four of the following five are alike in a certain way and hence form a group. Which of the following does not belong to that group?

- (1) Rupee (2) Dollar  
(3) Currency (4) Yen  
(5) Dinar

10. How many such pairs of letters are there in the word 'WANDERER', each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical series?

- (1) None (2) Three  
(3) Two (4) One  
(5) More than three

**Directions (11-15):** Study the following information and answer the questions given below:

Eight people P, Q, R, S, T, U, V and W are sitting around a circular table facing the centre, but not necessarily in the same order. Q is second to the left of T. V is third to the right of T. W is second to the right of R. R is not an immediate neighbour of either Q or T. U is not an immediate neighbour of W. P is second to the right of U.

11. How many people are sitting between P and W, when counted in a clockwise direction, starting from W?

- (1) Three (2) One  
(3) None (4) Two  
(5) More than three

12. Which of the following will come in the place of the question mark (?) in the following series based on the seating arrangement given?

TP RW SQ UP ?

- (1) RW (2) RV  
(3) VR (4) VS  
(5) VW

13. What is the position of R with respect to S?

- (1) Third to the right  
(2) Third to the left  
(3) Fourth to the right  
(4) Fourth to the left  
(5) Second to the left

14. If all the persons are asked to sit in an alphabetical order in a **clockwise** direction starting from P, the positions of how many will remain unchanged, excluding P?

- (1) None (2) Three  
(3) Two  
(4) More than three  
(5) One

15. Who amongst the following is sitting exactly between S and U?

- (1) W (2) T  
(3) Q (4) V  
(5) P

**Directions (16-20) :** Study the following information and answer the questions given below :

Seven people A, B, C, D, E, F and G are standing in a straight line facing North, not necessarily in the same order. F is standing third to the right of B. G is standing second to the right of F. C is standing third to the left of G. E is standing fourth to the right of C. A is not an immediate neighbour of B.

**16.** If all the people are asked to stand in an alphabetical order from left to right, the positions of how many will remain unchanged ?

- (1) Three      (2) Two  
(3) None      (4) One  
(5) More than three

**17.** Who is standing second to the right of B ?

- (1) C            (2) G  
(3) D            (4) E  
(5) None of these

**18.** Which of the following pairs represents the people standing at the extreme ends of the line ?

- (1) GD            (2) BG  
(3) BE            (4) ED  
(5) AB

**19.** How many people are standing between E and A ?

- (1) One          (2) Two  
(3) Three  
(4) More than three  
(5) None

**20.** What is the position of F with respect to D ?

- (1) Immediate right  
(2) Third to the left  
(3) Second to the left  
(4) Third to the right  
(5) Second to the right

**Directions (21-25) :** In each of the questions below, two statements are given followed by two conclusions numbered I and II. You have to take the two statements to be true even if they seem to be at variance from the commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding the commonly known facts.

**Give answer (1)** if only conclusion I follows

**Give answer (2)** if only conclusion II follows

**Give answer (3)** if either conclusion I or II follows

**Give answer (4)** if neither conclusion I nor II follows

**Give answer (5)** if both conclusions I and II follow

**21. Statements :**

Some colours are paints.

Some colours are crayons.

**Conclusions :**

I. All crayons are paints.

II. Atleast some paints are colours.

**22. Statements :**

All villages are districts.

Some districts are countries.

**Conclusions :**

I. Atleast some countries are districts

II. Atleast some districts are villages

**23. Statements :**

All trucks are vans.

All vans are vehicles.

**Conclusions :**

I. All vehicles are vans.

II. All trucks are vehicles.

**24. Statements :**

No rice is wheat.

All grains are wheat.

**Conclusions :**

I. No rice is a grain.

II. All wheat are grains.

**25. Statements :**

Some dogs are cats.

No cat is a mouse.

**Conclusions :**

I. No mouse is a dog.

II. All cats are dogs.

**Directions (26-30) :** Following questions are based on the five three letter words given below :

NIT CUB PAN LEG MOP

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

**26.** If the positions of the first and third letters of all of the words are interchanged and then the words thus formed are ar-

ranged alphabetically from left to right, which of the following will be third from the left ?

- (1) MOP          (2) LEG  
(3) PAN          (4) CUB  
(5) NIT

**27.** If the positions of the first and second letters of all the words are interchanged, how many words will form meaningful English words ?

- (1) One          (2) Three  
(3) None        (4) Two  
(5) More than three

**28.** If all the letters in each of the words are arranged alphabetically (within the word), how many words will remain unchanged ?

- (1) Two          (2) Three  
(3) None        (4) One  
(5) More than three

**29.** 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) One          (2) Two  
(3) Three  
(4) More than three  
(5) None

**30.** According to the English alphabetical series, how many letters are there between the first letter of the fourth word from the left and the second letter of the fifth word from the left ?

- (1) Three        (2) None  
(3) One          (4) Four  
(5) Two

**Directions (31-35) :** Study the following arrangement carefully and answer the questions given below:

XKYHRUFCVGTQ  
PSWMEDNILJAB

**31.** How many meaningful English words can be formed with the fifth letter from the left end, thirteenth letter from the left end and the second letter from the right end, using all the letters but each letter only once in each word ?

- (1) One (2) Two  
 (3) Three (4) None  
 (5) More than three

32. Four of the following five are similar in a certain way based on their positions in the above arrangement and hence form a group. Which of the following does not belong to the group?

- (1) KUH (2) ZPT  
 (3) IBJ (4) PDW  
 (5) GGO

33. If in a certain code 'HUNT' is coded as 'RFIQ' and 'PLOT' is coded as 'SJTQ', then how will 'FADS' be coded in the same code?

- (1) CJNW (2) UBNW  
 (3) CBEW (4) CBWN  
 (5) CBNW

34. What will come in place of the question mark (?) in the following series based upon the above arrangement?

- BA JL ND WS ?  
 (1) TO (2) ZG  
 (3) OZ (4) OG  
 (5) TZ

35. Which of the following is seventh to the right of the seventeenth from the right end of the above arrangement?

- (1) W (2) M  
 (3) S (4) G  
 (5) E

**Directions (36-40) :** In these questions, relationships between different elements is shown in the statements. These statements are followed by two conclusions.

**Give answer (1) if only conclusion I follows**

**Give answer (2) if only conclusion II follows**

**Give answer (3) if either conclusion I or conclusion II follows**

**Give answer (4) if neither conclusion I nor conclusion II follows**

**Give answer (5) if both conclusions I and II follow**

36. **Statement :**

$$F > G \geq H < I > J$$

**Conclusions :**

- I.  $F \geq I$   
 II.  $G < J$

37. **Statement :**

$$K > L \geq M = N < O$$

**Conclusions :**

- I.  $K < O$   
 II.  $N \leq L$

38. **Statement :**

$$A > B = C > D < E$$

**Conclusions :**

- I.  $E > B$   
 II.  $A > D$

39. **Statement :**

$$U < V = W \leq X = Y < Z$$

**Conclusions :**

- I.  $Z > U$   
 II.  $V \leq Y$

40. **Statement :**

$$P > Q < R = S \leq T$$

**Conclusions :**

- I.  $Q < T$   
 II.  $P \leq T$

**Directions (41-45) :** In each question below is given a group of numbers and symbols followed by five combinations of alphabet codes numbered (1), (2), (3), (4) and (5). You have to find out which one of the combinations correctly represents the group of numbers and symbols based on the following coding system and the conditions. Mark the number of the correct combination as your answer.

Number/ Symbol	8	3	5	4	@	#	%	+	2	6	7	&	9
Alphabet Codes	L	D	U	C	Z	H	Y	R	T	F	G	S	W

**Conditions :**

- I. If the third element is an even number and the last element is an odd number, then the even number is to be coded as the code for that odd number.  
 II. If the first element is a symbol and last element is an odd number then the codes for both these elements have to be interchanged.  
 III. If there are no symbols in the group of elements then the second element is to be coded as 'A'.

41. 5&%82+

- (1) USRLTY (2) USYLTR  
 (3) YSULTR (4) USYTLR  
 (5) USYLFR

42. %73@29

- (1) YGDZTW (2) WDGZTY  
 (3) WGDZTY (4) WGDZTW  
 (5) WGDZFY

43. 8@4#37

- (1) LZGHDG (2) LZCHDC  
 (3) LZCHDG (4) LZGHDC  
 (5) TZGHDG

44. 429563

- (1) CTWUFD (2) CAUWFD  
 (3) CTWUDF (4) CAWUFD  
 (5) CADUFW

45. 6#8+59

- (1) FHLRUW (2) FHLRUL  
 (3) FHWRUW  
 (4) FHWRUL  
 (5) FHWURW

**Directions (46-50) :** Study the following information and answer the questions given below :

Seven movies A, B, C, D, E, F and G are scheduled to be screened on seven different days of the same week, not necessarily in the same order. The week starts from Monday and ends on Sunday.

Only two movies will be screened before E. Three movies will be screened between E and F. Four movies will be screened between C and D. A will be screened immediately after C. B will not be screened immediately before D.

46. Movie C will be screened on which of the following days?

- (1) Tuesday (2) Sunday  
 (3) Saturday (4) Wednesday  
 (5) Monday

47. Which movie(s) will be screened between G and F?

- (1) Both B and E  
 (2) Only D  
 (3) Only E  
 (4) Both E and D  
 (5) None of these

48. Which of the following statements is true regarding the given schedule?

- (1) E will be screened immediately before B  
 (2) D will be screened on Friday  
 (3) One movie will be screened between A and E

- (4) Only one movie will be screened after F  
 (5) None is true
49. How many movies will be screened between E and Q?  
 (1) Three (2) One  
 (3) None (4) Two  
 (5) More than three
50. Which movie will be screened on Friday?  
 (1) C (2) B  
 (3) D (4) F  
 (5) None of these

## ENGLISH LANGUAGE

**Directions (51-60) :** In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage, against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

One day a king stepped (51) of the gates of his palace and found a man standing (52). The man had a plump chicken in his hands. On seeing the king he bowed respectfully and said, "Maharaj, I gambled and won this chicken. I had promised everyone in the village that if I won, I would (53) my prize to you. Please (54) it." The king was very (55) of gifts. So he willingly accepted the chicken. "Give it to my poultry keeper," said the king. A few days later the king saw the same man standing outside the gates again. This time he had a goat with him. "I won this goat while gambling. I had promised my wife that if I won I would present my prize to you," he said after saluting the ruler. "It belongs to you." The king was pleased again. "Give it to my goat keeper," he said.

Some weeks (56) the man was at the palace gates once again. This time he had two men with him. "I (57) five hundred gold coins while gambling and owe them to these men, Maharaj," said the man. "I had promised them that whatever I won, I would present it to you. I have no money to (58) them." The king realised he had made a mistake by accepting the man's gifts on the (59)

occasions. Now he could not refuse to help him. He paid the money to the two men and (60) the man to never gamble again.

51. (1) by (2) before  
 (3) in (4) out  
 (5) on
52. (1) there (2) near  
 (3) away (4) here  
 (5) where
53. (1) steal (2) throw  
 (3) borrow (4) gave  
 (5) present
54. (1) took (2) accept  
 (3) give (4) expect  
 (5) except
55. (1) fond (2) full  
 (3) penchant (4) crazy  
 (5) liking
56. (1) hence (2) soon  
 (3) later (4) after  
 (5) before
57. (1) take (2) misplace  
 (3) counted (4) lost  
 (5) win
58. (1) owe (2) pay  
 (3) repaid (4) gave  
 (5) lend
59. (1) upcoming (2) gone  
 (3) previous (4) final  
 (5) next
60. (1) request (2) order  
 (3) threaten (4) ask  
 (5) warned

**Directions (61-65) :** Each sentence below has a blank, each blank indicating that something has been omitted. Choose the word that best fits the meaning of the sentence as a whole.

61. The e-mail was \_\_\_\_\_ to all the teachers.  
 (1) address (2) gave  
 (3) sent (4) show  
 (5) attached
62. Why \_\_\_\_\_ you not replied yet?  
 (1) have (2) has  
 (3) are (4) can't  
 (5) could
63. Her watch was not only expensive but \_\_\_\_\_ attractive.  
 (1) and (2) again  
 (3) not (4) also  
 (5) that

64. Hamid was very \_\_\_\_\_ to announce the results.  
 (1) happily (2) eager  
 (3) free (4) fast  
 (5) quickly
65. Rochelle and Dena are \_\_\_\_\_ to visit India.  
 (1) planning (2) gone  
 (3) seeing (4) wait  
 (5) cancelled

**Directions (66-75) :** Read each sentence to find out whether there is any grammatical error or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error the answer is '5'. (Ignore errors of punctuation if any.)

66. All the employees (1)/ have agreed to (2)/ contribute in some (3)/ way or the other. (4)/ No Error (5)
67. The thief could not (1)/ get away along Meena's (2)/ wallet as the bus (3)/ was very crowded. (4)/ No Error (5)
68. They had decided (1)/ to renovate the (2)/ house before (3)/ the monsoon start. (4)/ No Error (5)
69. Everyone in the (1)/ class teased (2)/ Manoj about his (3)/ poor pronunciation. (4)/ No Error (5)
70. Both the candidates (1)/ were ask to (2)/ submit their documents (3)/ at the bank. (4)/ No Error (5)
71. The king sought (1)/ his minister's advice on (2)/ the dispute between (3)/ the two party. (4)/ No Error (5)
72. All the villagers (1)/ respected to the judge (2)/ as he was a very (3)/ wise and noble man. (4)/ No Error (5)
73. Shweta was very happy (1)/ because she had scored (2)/ the most highest marks (3)/ in her class. (4)/ No Error (5)
74. The accused was (1)/ given a chance (2)/ for defend himself but (3)/ he refused to talk. (4)/ No Error (5)
75. The child were (1)/ excited about their (2)/ trip to (3)/ the amusement park. (4)/ No Error (5)

**Directions (76-80) :** In each question below, four words printed in **bold** type are given. These are numbered (1), (2), (3) and (4). One of these words printed in **bold** may either be **wrongly spelt or inappropriate** in the context of the sentence. Find out the word that is inappropriate or wrongly spelt, if any. The number of that word is your answer. If all the words printed in bold are correctly spelt and appropriate in the context of the sentence then mark (5) i.e. 'All Correct' as your answer.

76. He wanted to **cell** (1)/ his **house** (2)/ and buy **another** (3)/ one in the same **locality**. (4)/ All correct (5)
77. Somesh's **teacher** (1)/ **complained** (2)/ about his **annoying** (3)/ **behaviour**. (4)/ All correct (5)
78. No one **believed** (1)/ her **excuses** (2)/ for not **attending** (3)/ the **meting**. (4)/ All correct (5)
79. How can you **identify** (1)/ the **culprit** (2)/ without **questioning** (3)/ **anyone**. (4)/ All correct (5)
80. All his **money** (1)/ was **stolen** (2)/ before he **reacched** (3)/ the **bank**. (4)/ All correct (5)

**Directions (81-85) :** Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in proper sequence to form a meaningful paragraph then answer the questions given below them.

- (A) The intelligent minister thought about his task, after a few hours, went out and returned with a beggar and said to the emperor, "He is the poorest among your subjects your majesty."
- (B) "He has been given the honour of an audience with the emperor," said the minister, "That makes him the noblest among beggars."
- (C) "It is possible," said the minister.
- (D) An emperor asked his most intelligent minister, if it was possible for a man to be the poorest and the noblest at the same time.

(E) "Then bring me such a person," said the emperor.

(F) "That might be true," said the emperor, "But I don't see how he can be the noblest."

81. Which of the following should be the **second** sentence in the rearrangement ?

- (1) A (2) C  
(3) F (4) D  
(5) E

82. Which of the following should be the **first** sentence in the rearrangement ?

- (1) F (2) A  
(3) C (4) D  
(5) B

83. Which of the following should be the **fifth** sentence in the rearrangement ?

- (1) F (2) C  
(3) E (4) A  
(5) D

84. Which of the following should be the **last (sixth)** sentence in the rearrangement ?

- (1) A (2) C  
(3) B (4) D  
(5) F

85. Which of the following should be the **fourth** sentence in the rearrangement ?

- (1) F (2) E  
(3) A (4) C  
(5) D

**Directions (86-100) :** Read the following passage carefully and answer the questions given below it. Certain words/phrases have been printed in **bold** to help you locate them while answering some of the questions.

There lived a wolf called Lalu In the Himalayan forests. Lalu was very mean and **selfish**. He thought only about himself and none of the other animals liked him. The rest of the wolf pack also avoided meeting him. At most, they would say a polite 'Hello' and then would go their own way. After all, when they were hungry, Lalu never offered to share his meal. Once while wandering around, Lalu saw an elephant trapped in a hunter's trap. The elephant requested Lalu to help but

he simply **mocked** the elephant and continued on his way. Later one of the other wolves helped the elephant in escaping from the trap.

One day, Lalu was very hungry and went out hunting. After searching around for nearly an hour, he found a few roosters. The moment they saw Lalu, they tried to run away but he managed to catch one of them. The others begged him to leave their friend but Lalu scared them away. When the other wolves saw him eating a rooster, they knew that he would never share his meal so they ignored him. Lalu greedily swallowed the rooster. Suddenly, a small bone got stuck in his throat. Lalu kept coughing and tried to get the bone out of his throat, but in vain. He ran up and down groaning and moaning, seeking something to relieve his pain.

He requested the other roosters to help him but they said, "When we requested you to leave us alone you scared us away. How can you expect us to help you ?" Then Lalu requested the other wolves to help him but they said, "Had you been generous and shared your meals with us, we would have helped you. "Next he went to the elephant. The elephant said, "When I asked you to help me, you did not. Why should I help you now ?"

After some time, it started becoming difficult for him to breathe. He pleaded with all the other animals to help him get the bone out. "Please help! Someone please help me get this bone out" appealed Lalu. But no one stepped forward. He even offered them a **reward** for removing the bone. "Oh Please! I can't breathe. I would give anything if you help me take it out," he said. But no one helped him — because he was so mean to everyone. Then at last a crane, Rani, took pity on him and offered to help him. Rani told Lalu to lie on his side and open his jaws as wide as he could. She put her long neck down his throat and used her beak to remove the bone. "That's better" said Lalu, taking long deep breaths. Rani then said, "Lalu, I do not want any reward from you but I

just want you to promise me that you will become a better wolf and start sharing things with the other animals. You should be more considerate and kind towards the others in the forest." Lalu grinned wide, showing all his teeth. He said, "**Be content** Rani. You have just put your head inside a wolf's mouth and taken it out again safely; that ought to be a reward for you. Do not expect anything else from me."

Poor Rani was very disappointed. The other animals looked at Lalu angrily. But neither did Lalu **comprehend** nor care.

**86.** What did the roosters do when they saw Lalu ?

- (1) They ignored him and stayed where they were
- (2) They asked him to join them
- (3) They tried to scare him away
- (4) They ran and tried to escape
- (5) They put a bone in his throat

**87.** How did the other wolves treat Lalu ?

- (1) They were friendly with him
- (2) They played tricks on him
- (3) They followed him
- (4) They always helped him
- (5) They tried to avoid him

**88.** What did Lalu do when he saw an elephant trapped in a hunter's trap ?

- (1) He mocked the elephant and went ahead
- (2) He stopped there and helped the elephant
- (3) He waited there till the hunter arrived
- (4) He killed the elephant
- (5) He killed the hunter

**89.** Why did Lalu start coughing?

- (1) He was unwell
- (2) He wanted to attract everyone's attention towards himself
- (3) He did not like the taste of the rooster he had just eaten
- (4) He had grown old and felt out of breath

(5) He was trying to remove the bone that was stuck in his throat

**90.** Which of the following is true according to the given passage ?

- (1) Lalu was kind
- (2) Lalu had eaten a hen
- (3) Lalu had deceived Rani
- (4) Lalu was everyone's favourite
- (5) All the animals helped Lalu

**91.** How did Rani help Lalu ?

- (1) She used her long neck and beak to remove the bone
- (2) She patted his back until he coughed out the bone
- (3) She requested the other animals to help him
- (4) She gave him water to swallow the bone
- (5) She used her feet to remove the bone

**92.** Why did the other wolves not help Lalu ?

- (1) Lalu had never shared his meal with them
- (2) Lalu had not helped them when they were trapped
- (3) Lalu used to threaten them
- (4) Lalu was very impolite while asking for their help
- (5) Lalu had eaten one of their pack members

**93.** What did Rani ask Lalu to do in exchange for her favour ?

- (1) She asked him to stop eating roosters
- (2) She asked him to be careful while eating
- (3) She asked him to apologise to the elephant
- (4) She asked him to become a better wolf
- (5) She asked him to provide her with a lot of food

**94.** What did Lalu do after Rani helped him remove the bone?

- (1) He thanked her and changed his ways
- (2) He went ahead and ate another rooster
- (3) He ate her up

(4) He asked her to be content that he had not eaten her head

(5) He did exactly what she had asked him to do

**95.** Why did the other wolves not talk to Lalu when they saw him eating a rooster ?

- (1) They did not want to disturb him while he was eating
- (2) They already knew that he would never share his meal with them
- (3) They did not want the other roosters to feel upset
- (4) They knew Lalu would offer to share his meal but they had already eaten
- (5) They felt that one rooster would never be enough for the whole pack

**Directions (96-98) :** Choose the word which is **most similar** in the meaning to the word printed in **bold** as used in the passage.

**96. Reward**

- (1) Money
- (2) Punishment
- (3) Reply
- (4) Salary
- (5) Prize

**97. Comprehend**

- (1) Speak
- (2) Understand
- (3) Handle
- (4) Recognise
- (5) Forget

**98. Mocked**

- (1) Faked
- (2) Pretended
- (3) Teased
- (4) Begged
- (5) Helped

**Directions (99-100) :** Choose the word which is **most opposite** in meaning to the word printed in **bold** as used in the passage.

**99. Selfish**

- (1) Intelligent
- (2) Generous
- (3) Lazy
- (4) Foolish
- (5) Cunning

**100. Content**

- (1) Satisfied
- (2) Material
- (3) Comfortable
- (4) Dislike
- (5) Unhappy

**NUMERICAL ABILITY**

**Directions (101-125) :** What should come in place of the question mark (?) in the following questions ?

101.  $\sqrt[3]{2197} = ?$

- (1) 17            (2) 9  
(3) 11            (4) 14  
(5) None of these

102.  $2451 + 7983 - 3451 = ?$

- (1) 6862            (2) 6833  
(3) 6675            (4) 6983  
(5) None of these

103.  $\frac{140}{28} \times \frac{234}{338} \times 13 = ?$

- (1) 45            (2) 78  
(3) 52            (4) 39  
(5) None of these

104.  $4370 \div 19 = (10)^2 + ?$

- (1) 230            (2) 270  
(3) 170            (4) 130  
(5) None of these

105.  $1.8 \times 3.2 \div ? = 2.88$

- (1) 4            (2) 5  
(3) 3            (4) 7  
(5) None of these

106.  $(17 \times 3 + 9) \div 3 = 5 \times (?)^2$

- (1)  $\pm 2$             (2)  $\pm 4$   
(3)  $\pm 3$             (4)  $\pm 9$   
(5) None of these

107.  $? \times 25 + 225 = 550$

- (1) 19            (2) 17  
(3) 15            (4) 13  
(5) None of these

108.  $6.8 \div 4 \times ? + 2.51 = 2.85$

- (1) 0.5            (2) 0.2  
(3) 0.9            (4) 0.6  
(5) None of these

109.  $540 \div 18 \times 30 \div ? = 60$

- (1) 25            (2) 17  
(3) 20            (4) 13  
(5) None of these

110.  $5.28\% \text{ of } ? = 491.04$

- (1) 9400            (2) 9900  
(3) 9300            (4) 9600  
(5) None of these

111.  $6.13 \times 2.8 \div 0.7 = ?$

- (1) 25.24            (2) 24.52  
(3) 25.42            (4) 22.54  
(5) None of these

112.  $19.21 + 12.91 + 91.12 + 29.11 = ?$

- (1) 135.35  
(2) 155.35            (3) 125.35  
(4) 152.35  
(5) None of these

113.  $3180 - 2450 + 3470 = 3910 + ?$

- (1) 280            (2) 210  
(3) 230            (4) 250  
(5) None of these

114.  $4\frac{3}{7} + 5\frac{4}{7} - 7\frac{9}{14} = ?$

- (1)  $5\frac{7}{14}$             (2)  $2\frac{7}{14}$   
(3)  $5\frac{2}{14}$             (4)  $2\frac{9}{14}$   
(5) None of these

115.  $20\% \text{ of } 530 + 36\% \text{ of } 6300 = ?$

- (1) 2268            (2) 2279  
(3) 2377            (4) 2374  
(5) None of these

116.  $24 + 45 \div 15 = ?$

- (1) 27            (2) 25  
(3) 21            (4) 23  
(5) None of these

117.  $7\frac{2}{3} - 4\frac{1}{3} = 4\frac{2}{3} - ?$

- (1)  $1\frac{1}{3}$             (2)  $2\frac{2}{3}$   
(3)  $1\frac{2}{3}$             (4)  $2\frac{1}{3}$   
(5) None of these

118.  $169 \times ? = 8788$

- (1) 52            (2) 57  
(3) 59            (4) 55  
(5) None of these

119.  $753 \times 13 \div 251 = ?$

- (1) 31            (2) 35  
(3) 39            (4) 37  
(5) None of these

120.  $48 + 1008 \div 9 \times 5 - 200 = ?$

- (1) 413            (2) 406  
(3) 408            (4) 418  
(5) None of these

121.  $\frac{6}{56} \times \frac{17}{3} \times ? = 102$

- (1) 161            (2) 168  
(3) 187            (4) 181  
(5) None of these

122.  $(26)^2 - (20)^2 = ?$

- (1) 268            (2) 276  
(3) 293            (4) 281  
(5) None of these

123.  $321 \times 25 - 8000 = (?)^2$

- (1)  $\pm 9$             (2)  $\pm 2$   
(3)  $\pm 7$             (4)  $\pm 5$   
(5) None of these

124.  $\sqrt{3969} = ?$

- (1) 69            (2) 53  
(3) 66            (4) 63  
(5) -66

125.  $47\% \text{ of } 1300 = 1833 \div ?$

- (1) 3            (2) 7  
(3) 5            (4) 9  
(5) None of these

126. How much will be the simple interest on a sum of ₹6,351 in a span of 7 years, at 5 p.c.p.a. ?

- (1) ₹ 2208.55  
(2) ₹ 2282.25  
(3) ₹ 2525.85  
(4) ₹ 2222.85  
(5) None of these

127. What will be the average of the following set of scores ?

- 29, 71, 56, 20, 38, 46, 41  
(1) 49            (2) 40  
(3) 44            (4) 47  
(5) 43

**Directions (128-130) :** Study the following information and answer the questions that follow :

Cost of 4 cushions and 3 chairs is ₹ 5,710. Cost of 7 cushions and 3 chairs is ₹ 7,522.

128. What is the difference between the cost of a chair and a cushion?

- (1) ₹238            (2) ₹494  
(3) ₹714            (4) ₹1,812  
(5) None of these

129. What is the cost of 5 chairs and 2 cushions ?

- (1) ₹ 4,118            (2) ₹ 6,698  
(3) ₹ 5,216            (4) ₹ 6,098  
(5) None of these

130. What is the cost of 2 chairs ?

- (1) ₹ 2,169            (2) ₹ 604  
(3) ₹ 1,208            (4) ₹ 1,812  
(5) None of these

**131.** The area of a square is 3364 square metre. What will be its perimeter?

- (1) 276 metre
- (2) 232 metre
- (3) 228 metre
- (4) 250 metre
- (5) None of these

**132.** The sum of three consecutive numbers is 897. What is the largest number?

- (1) 200            (2) 400
- (3) 300            (4) 500
- (5) None of these

**133.** In how many different ways can the letters of the word 'FLOWER' be arranged?

- (1) 600            (2) 120
- (3) 720            (4) 240
- (5) None of these

**Directions (134-136):** Study the following information and answer the questions that follow:

The annual salary of Rama is 40% the annual salary of Shyamla. The annual salary of Shyamla is 60% the annual salary of Heena. The salary of Heena is ₹43,200 per annum.

**134.** What is the sum of the annual salary of Shyamla and Rama?

- (1) ₹ 34,448    (2) ₹ 37,168
- (3) ₹ 36,288    (4) ₹ 99,861
- (5) ₹ 32,640

**135.** What is the difference between the monthly salary of Heena and Rama?

- (1) ₹ 2,496    (2) ₹ 2,736
- (3) ₹ 2,966    (4) ₹ 2,249
- (5) ₹ 2,046

**136.** How much is Rama's salary per annum?

- (1) ₹ 10,863    (2) ₹ 10,683
- (3) ₹ 10,548    (4) ₹ 10,448
- (5) ₹ 10,368

**137.** How much will ₹3,200 amount to at a compound interest rate of 5% in a span of 2 years?

- (1) ₹ 3,476    (2) ₹ 3,730
- (3) ₹ 3,528    (4) ₹ 3,675
- (5) ₹ 3,820

**138.** Sangeeta purchased 19 copies of a book for ₹ 6,840. How much did each copy cost?

- (1) ₹ 350            (2) ₹ 410
- (3) ₹ 370            (4) ₹ 380
- (5) ₹ 360

**139.** A and B are jogging on a circular track, starting from the same point. A completes one round of the track in 90 seconds and B completes one round of the same track in 75 seconds. After how much time will they meet each other at any common point on the track?

- (1) 5 minutes and 30 seconds
- (2) 6 minutes and 30 seconds
- (3) 7 minutes and 40 seconds
- (4) 7 minutes and 30 seconds
- (5) 6 minutes and 40 seconds

**140.** The present ages of Sushil and Sunil are in the ratio 7:10 respectively. Two years hence the ratio of their ages will be 5:7 respectively. How old will Sunil be when Sushil will be 35 years old?

- (1) 37 years    (2) 39 years
- (3) 41 years    (4) 47 years
- (5) 50 years

**141.** ₹760 are to be divided among A and B in the ratio 7:3 respectively. How much is the difference in the shares of A and B?

- (1) ₹ 304            (2) ₹ 228
- (3) ₹ 408            (4) ₹ 283
- (5) ₹ 320

**142.** The area of rectangle is 507 square metre. What is its perimeter if the length is thrice the breadth?

- (1) 104 metre    (2) 120 metre
- (3) 118 metre    (4) 130 metre
- (5) 93 metre

**143.** An article costs ₹790. If it is sold for ₹1,027, how much is the percentage profit?

- (1) 20            (2) 30
- (3) 35            (4) 25
- (5) 15

**144.** A can finish a work in 5 days and B can do it in 6 days. How many days will they take when working together?

- (1)  $2\frac{8}{11}$  days

- (2)  $3\frac{8}{11}$  days

- (3)  $1\frac{7}{11}$  days

- (4)  $2\frac{5}{11}$  days

- (5)  $7\frac{9}{11}$  days

**145.** A train crosses a pole in 17 seconds. If the length of the train is 425 metre, what will be the speed of the train in km/hour?

- (1) 90 km/hr    (2) 93 km/hr
- (3) 83 km/hr    (4) 87 km/hr
- (5) 80 km/hr

**Directions (146-150):** Study the following information and answer the questions that follow:

Of four subjects i.e. English, Maths, Science and Hindi, Mohan's average marks were 67. The maximum marks in English and Hindi were 60, and in Science and Maths were 80. Mohan obtained 95% and 97.5% marks in English and Maths respectively. He obtained 53 marks in Hindi.

**146.** What was Mohan's average score in English and Hindi together?

- (1) 45            (2) 53
- (3) 55            (4) 58
- (5) 49

**147.** What was Mohan's percentage score in Maths and Science together?

- (1) 96.35        (2) 98.75
- (3) 95.78        (4) 95.88
- (5) 98.77

**148.** What was his approximate percentage score in Hindi?

- (1) 83            (2) 79
- (3) 88            (4) 87
- (5) 75

**149.** What was Mohan's overall percentage score approximately?

- (1) 83            (2) 91
- (3) 89            (4) 85
- (5) 96

**150.** How many marks did Mohan obtain in Science?

- (1) 75            (2) 70
- (3) 80            (4) 79
- (5) 73