

CO-OPERATIVE BANK

CLERICAL GRADE

PREVIOUS PAPER - 2010

BASED ON MEMORY

TEST OF REASONING ABILITY

- Rahul started from point A and travelled 8 kms towards the North to point B, he then turned right and travelled 7 kms to point C, from point C he took the first right and drove 5 kms to point D. He took another right and travelled right and travelled 7 kms to point E and finally turned right and travelled for another 3 kms to point F. What is the distance between point F and B?
1) 1 km 2) 2 km 3) 3 km 4) 4 km
5) None of these
- Among R, L, T and J each having different weights, T is heavier than only L. R is not as heavy as J. Who is the heaviest?
1) R 2) J 3) T
4) Cannot be determined 5) None of these
- How many meaningful English words can be formed with the letters STIF starting with F, using each letter-only once in each word?
1) None 2) One 3) Two 4) Three
5) More than three
- How many such pairs of letters are there in the word RELUCTANCE 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) One 3) Two 4) Three
5) Four
- In a certain code 'FIGHT' is coded as 'GJFIU' and 'WRITE' is coded as 'XSHUF'. How will 'JUDGE' be coded in the same code?
1) KVCHF 2) HFEKV 3) KVEHF 4) VKCFH
5) KVDHF
- Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to the group?
1) Sugar 2) Sand 3) Stone 4) Lava
5) Rock
- Which of the following will come in place of the question mark?
AC BE DH ? KQ
1) GL 2) FK 3) GK 4) HL
5) HM

8. If it is possible to make only one meaningful word from the first, fifth, seventh and eighth letters of the word SPONTANEOUS, then the second letter from the left is your answer. If no such word can be formed then your answer is X and if more than one such word can be formed your answer is Y.
- 1) X 2) T 3) E 4) S
5) Y
9. If '2' is subtracted from each even digit and '1' is added to each odd digit in the number 8567284. Which of the following will be the sum of the third digit from the left and the second digit from the right of new number thus formed?
- 1) 10 2) 8 3) 4 4) 6 5) 16
10. Smitha correctly remembers that last year Diwali was celebrated before November but after May. Sanjay correctly remembers that last year he had Diwali holidays after July. Mohan correctly remembers that the month in which Diwali was celebrated had only 30 days. In which month of the year was Diwali definitely celebrated?
- 1) July 2) August 3) September 4) October
5) November

Directions (11 – 15): Study the following arrangement carefully and answer the questions given below.

A E C B % 7 D \$ E B 5 C ? 3 D E 9 @ 2 #

11. How many digits are there in the above arrangement, each of which is immediately preceded by a symbol?
- 1) One 2) Two 3) Three 4) Four
5) Five
12. How many such pairs of alphabets are there in the series highlighted in **BOLD** in the above arrangement each of which has as many letters between them (in both forward and backward directions) as they have between them in the English alphabetical series?
- 1) None 2) One 3) Two 4) Three
5) More than three
13. If all the vowels are dropped from the above arrangement, which of the following will be the twelfth from the left end of the above arrangement?
- 1) 3 2) @ 3) E 4) 9
5) D
14. Which of the following is second to the left of the fourteenth from the left end of the above arrangement?
- 1) A 2) E 3) D 4) B
5) C
15. If all the digits are arranged in ascending order from left to right, while the other elements in the arrangement remain unchanged, which of the following will be fourteenth from the left end of the arrangement?
- 1) 2 2) 5 3) 3 4) 7
5) None of these

Directions (16 – 20): In each question below are three statements followed by two conclusions numbered I and II. You have to take the three given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the three statements disregarding 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 conclusion II follows.

Give answer (4): If neither conclusion I nor conclusion II follows.

Give answer (5): If both conclusion I and conclusion II follows.

16. Statements:

Some choices are mistakes.

All mistakes are errors.

No error is justified.

Conclusions:

I. Some choices are justified.

II. All mistakes are not justified.

17. Statements:

All cycles are buses.

Some buses are cars.

All cars are carts.

Conclusions:

I. Some carts are cars.

II. Some cycles are cars.

18. Statements:

All big are short.

Some short are long.

Some long are thin.

Conclusions:

I. Some short are thin.

II. Some thin are not long.

19. Statements:

All rewards are achievements.

All achievements are successes.

All successes are everlasting.

Conclusions:

I. All successes are achievements.

II. Some everlasting are not successes.

20. **Statements:**

Some rivals are enemies.

No enemy is a friend.

Some friends are strangers.

Conclusions:

I. Some rivals are not friends.

II. All strangers are friends.

Directions (21 – 25): Study the following information carefully and answer the questions given below.

P, Q, R, S, T, U, V and F are sitting around a circle facing the centre. U is third to the right of Q who is third to the right of F. P is third to the left of F. R is fourth to the left of P. T is third to the right of S. S is not a neighbour of P.

21. Four of the following five are similar in a certain way based on their positions in the seating arrangement and so form a group. Which of the following does not belong to that group?

- 1) RQT 2) QPV 3) SPU 4) FRT 5) RSF

22. Who is sitting third to the left of Q?

- 1) F 2) U 3) S 4) P 5) R

23. In which of the following pairs is the first person sitting to the immediate right of the second person?

- 1) TQ 2) VP 3) PU 4) FS
5) None of these

24. What is P's Position with respect to F?

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

25. Who is sitting second to the left of U?

- 1) Q 2) P 3) V 4) F 5) T

Directions (26 – 30): The following questions are based on the five three digit numbers given below.

415 829 876 364 732

26. If in each number, the first and the last digits are interchanged, which of the following will be the third highest number?

- 1) 415 2) 829 3) 876 4) 364 5) 732

27. If in each number, all the three digits are arranged in descending order within the number, which of the following will be the second lowest number?

- 1) 415 2) 829 3) 876 4) 364 5) 732

28. If in each number, the first two digits (digits in the ten's and hundred's place) are replaced by their sum, which number will be the largest?

- 1) 732 2) 364 3) 876 4) 829 5) 415

29. If one is added to the first digit of each of the numbers, in how many numbers thus formed will the first digit be a perfect square?

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

30. If one is added to the smallest even number and one is subtracted from the highest odd number. Which of the following will be obtained if the second digit of the higher number is subtracted from the second digit of the lower number so formed?

- 1) 9 2) 3 3) 2 4) 6 5) 4

Directions (31 – 35): In each question below is given a number/symbol followed by five combinations of letter codes numbered 1, 2, 3, 4 and 5. you have to find out which of the combinations correctly represents the number/ symbol based on the following coding system and the conditions and mark number of the that combination as your answer. Two or more conditions may be applicable to a single combination.

| | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|
| Number/Symbol | # | % | 4 | 6 | ★ | 5 | 2 | ! | 7 | \$ | 3 | + | 9 | & | 1 |
| Letter code | K | M | T | L | P | S | C | V | A | R | E | H | J | F | D |

Conditions:

- i. If the second element is an odd number and the last element is a symbol, the number is to coded as the code for the symbol.
- ii. If the group of elements contains a perfect square, that number is to be coded as the code for the element preceding it. (one is also a perfect square)
- iii. If both the second and third elements are symbols, the codes for these symbols are to be interchanged.

31. 7%&53#

- 1) AMFESK 2) AMFSEK 3) AMMSEK 4) AFFSEK
5) AFMSEK

32. %5&74!

- 1) MVFATV 2) MFVATV 3) MSFATV 4) MVFAAV
5) MVVAFT

33. #9★3%

- 1) KRRPEM 2) KRPPM 3) KRJPEM 4) KJREPM
5) RKJPEM

34. 6\$1+#5

- 1) LRDDKS 2) LDRKHS 3) LRHDKS 4) LRRHKS
5) LRDHKS

35. +3!47&

- 1) HFVAAF 2) HFVTAF 3) HFVAAF 4) HFTVAF
5) HVVFAF

Directions (36 – 40): Study the information carefully and answer the given questions.

A,C,D,I,L,P and M are sitting in a straight line facing North.

a. P sits fourth to the right of A and C sits second to the left of P. D sits in the middle and is second to the right of M.

b. I sits at the farthest possible distance from P. (five persons sits between I and P)

36. If all the seven persons are made to sit in alphabetical order from left to right, the positions of how many will remain unchanged as compared to the original seating positions?

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

37. Four of the following are alike in a certain way based on their seating positions in the above arrangement and so form a group. Which pair does not belong to that group?

- 1) MA 2) DC 3) LP 4) AC 5) IM

38. What is the position of C with respect to M ?

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

39. How many persons sit between A and L?

- 1) One 2) Two 3) Three 4) Four
5) More than Four

40. Which of the following pairs represents the persons sitting at the extreme ends of the line ?

- 1) IC 2) DP 3) IP 4) AP
5) None of these

Directions (41 – 50): In each of the questions given which one of the following five answer figures on the right should come after the problem figures on the left. If the sequence were continued ?

PROBLEM FIGURES

ANSWERS FIGURES

41.

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| ★○□=U | ○□=△C | Z★U△S | ★U△CV | =ZS○□ |
| △△SZC | ★U△SZ | CO□=V | ZS○□= | V★U△T |

| | | | | |
|-------|-------|-------|-------|--------|
| ZSOVT | ZSOV★ | V=ZST | ZSOTV | ZS VOT |
| =□★U△ | V○U△T | ○□★U△ | =□★U△ | □=★U△ |

1) 2) 3) 4) 5)

42.

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1) 2) 3) 4) 5)

43.

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| C Z | ★ C | = U C | = △ Z | |

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| △ ○ □ ★ | △ U = ★ | C U = Z | C ○ □ Z | C U □ ★ |
| = U | □ ○ | □ ○ | = U | = ○ |
| Z C | Z C | ★ △ | ★ △ | Z △ |

1) 2) 3) 4) 5)

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1) 2) 3) 4) 5)

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1) 2) 3) 4) 5)

47.

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| BRING | RBGIN | NIBGR | BNIRG | NBGIR | RGIBN | GNBRI | BNRGI | RIÈGN | RNBGI |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|

1) 2) 3) 4) 5)

48.

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1) 2) 3) 4) 5)

49.

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| ^ | v | ^ | ^ | v | ^ | v | v | ^ | v | v | ^ | ^ | ^ | ^ | v | v | ^ |

1) 2) 3) 4) 5)

50.

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1) 2) 3) 4) 5)

TEST OF ENGLISH LANGUAGE

Directions (51 – 65): Read the following passage carefully and answer the questions given below it. Certain words/ phrases are given in **bold** to help you to locate them while answering some of the questions.

Once upon a time there was an old man called Yugiyama, in a small village in Japan. He lived alone as his only son had gone far away to study. Yugiyama was a nice and friendly man who was liked by all the people in the village. He had a very **positive** view of everything that happened around him. He never grumbled or complained about anything. The villagers would often come over to the old man's house to express their sympathy as his only son had gone far away and even at this old age he had no one to look after him and support him. They often wondered aloud if his son would ever **return**. As a reply to all their concerns, Yugiyama would always thank them and say, "Whatever happens, happens for the good". No one ever understood why he was never sad about his son's absence.

One day, Yugiyama's son returned to the village after completing his education. His son had become a merchant and was earning very well. He took great care of his father. Everyone was not only amazed at Yugiyama's luck but they were also very happy for him. Streams of villagers came over to congratulate him and like always, the old man was **polite**. He thanked all of them for coming over and said, "Whatever happens, happens for the good".

Barely a few days had passed, when one day; Yugiyama's son fell off a horse's back and broke his leg. Once again the entire village came over to Yugiyama's house to express their concern and again the old man thanked them for their sympathy and said, "Whatever happens, happens for the good". Some of villagers were surprised to hear this and wondered what good could there possibly be in this situation as his son had broken a leg and old Yugiyama would have to take care of him

A month later, the kingdom to which Yugiyama belonged and the neighbouring kingdom had a war. The king announced that they needed more young men in the army. A small troupe of the army came to the village and recruited all **able-bodied** young men into the army. They did not give anyone a choice. Even those who were **reluctant** were forced to join the army. When they came to Yugiyama's house they found his son with a broken leg. The army leader told Yugiyama, "Your son is injured and so he will not be of any help in the battle field". Thus they left him behind. Once again, all the villagers came to the old man's house to congratulate him for his good luck. They said, "You are lucky that your son was not recruited. Otherwise who would have looked after you?" Like always, the old man thanked them and said "Whatever happens, happens for the good". It was only then that the villagers understood the true meaning of Yugiyama's words.

51. Why did Yugiyama always say, "Whatever happens, happens for the good"?
- 1) He had a positive view about everything.
 - 2) His teacher had asked him to say these words.
 - 3) His son liked to hear these words.
 - 4) He liked to puzzle the villagers by saying these words.
 - 5) This was his way of grumbling about everything.
52. Why was everyone amazed at Yugiyama's luck?
- 1) His son had given him an expensive gift
 - 2) His son was given a high post in the army after his return
 - 3) His son had returned and was taking great care of him
 - 4) His son had become one of the greatest warriors
 - 5) His son received an award for being a successful merchant
53. Why did Yugiyama live alone?
- 1) He liked to live alone
 - 2) His son abandoned him as he was very old
 - 3) His son had gone away
 - 4) His son had gone away to work in another village
 - 5) He had no family at all
54. Initially, the villagers sympathised with Yugiyama because
- 1) He was old and there was no one to look after him
 - 2) He never complained about anything
 - 3) His house was robbed one night
 - 4) He broke his leg while working in the fields
 - 5) He had no friends
55. Why did the army recruit more men?
- 1) The King wanted an army bigger than the neighbouring kingdom.
 - 2) The kingdom was at war and it needed more soldiers to defend itself.
 - 3) The soldiers were resigning the king was cruel to them.
 - 4) The king was planning to attack another kingdom and thus wanted a huge army.
 - 5) The king wanted to create employment for his subjects.
56. An appropriate title for this passage would be
- 1) The great Yugiyama
 - 2) Yugiyama's dutiful son
 - 3) The helpful villagers
 - 4) The Japanese King
 - 5) Whatever happens, happens for the good

57. Arrange the following incidents in chronological order as they occurred in the passage.
- Yugiyama's son fell off from a horse's back and broke his leg.
 - Yugiyama's son returned to the village as a merchant and took care of Yugiyama.
 - Yugiyama's son was spared from joining the army because of his broken leg.
 - The kingdom was at war and the army forcefully recruited more men.
- 1) ABDC 2) BACD 3) BDAC 4) BADC
5) ABCD
58. Later, the villagers sympathized with Yugiyama because
- His son had decided to leave him alone and live in another village.
 - Yugiyama broke his leg when he fell off a horse's back.
 - The army recruited Yugiyama despite the fact that he was old.
 - Yugiyama's son fell off a horse's back and broke his leg.
 - The army recruited Yugiyama's son despite the fact that his leg was broken.
59. Why did the leader of the army troupe reject Yugiyama's son?
- His son requested the leader to reject him as his father was old.
 - His son had a broken leg and would be useless in the battle field.
 - The villagers requested the leader to spare all those who were injured.
 - The leader was jealous of Yugiyama's son who was a rich merchant.
 - Both 1 and 2
60. Why were the villagers surprised to hear Yugiyama's response when they came to sympathise with him the second time?
- He was not grumbling and complaining even when his son broke his leg.
 - He was very rude to the people who came to sympathise with him.
 - He was disappointed that now his son would be incapable of joining the army.
 - He did not show any concern towards his son's accident.
 - He was happy because his son broke his leg.

Directions (61 – 63): Choose the word/ group of words which is most similar in the meaning to the word/ group of words printed in **bold** as used in the passage.

61. Reluctant

- 1) Unhappy 2) Unsatisfied 3) Unwilling 4) Ungrateful
5) Unenthusiastic

62. Positive

- 1) Precise 2) Optimistic 3) Smart 4) Encouraging
5) Detailed

63. Able-bodied

- 1) Young and Tall 2) Tall and Handsome 3) Strong and Healthy
4) Strong and Tall 5) Young and Healthy

Directions (64 – 65): Choose the word/ group of words which is most opposite in the meaning to the word/ group of words printed in **bold** as used in the passage.

64. Polite

- 1) Angry 2) Sheepish 3) Offended 4) Rude
5) Furious

65. Return

- 1) Leave 2) Borrow 3) Visit 4) Arrive
5) Take

66. The man sitting the enquiry counter was very helpful polite.

- 1) on, or 2) by, but 3) near, then
4) over, because 5) at, and

67. Everyone was advised not to go near the seashore as high tide was

- 1) estimated 2) predicted 3) calculated 4) deposited
5) avoided

68. His father gifted him a motorbike but him to ride it safely.

- 1) helped 2) saw 3) cautioned 4) pleased
5) teach

69. All the children were asked to carefully the teacher was giving instructions.

- 1) listen, while 2) seek, as 3) attend, when
4) see, then 5) understand, and

70. Tarun was nervous his performance at the concert.

- 1) As 2) before 3) and 4) on
5) because

Directions (71 – 75): 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 farmer called his neighbours and asked them to help him put mud into the well but the mule thought that he was calling the neighbours to help him get out of the well.

B. A farmer wanted to get rid of his old mule and buy a new one but the mule always came back from wherever the farmer left him.

C. He walked away from his cruel master and never returned.

D. One day the mule fell into a well and the farmer thought, "Why not bury it there so that I don't have to worry about getting rid of it?"

E. The mule started shaking off all the mud that fell on him and kept climbing on the heap of mud as it fell into the well, soon he was on top of the mud heap and he easily got out of the well.

F. When they started putting mud in the well the mule realised his master's plan and started thinking of ways to save himself.

71. Which of the following should be the **FIFTH** sentence in the rearrangement?

- 1) D 2) B 3) A 4) F
5) E

72. Which of the following should be the **FOURTH** sentence in the rearrangement?
1) A 2) F 3) B 4) C 5) D
73. Which of the following should be the **LAST (SIXTH)** sentence in the rearrangement?
1) B 2) E 3) C 4) A 5) D
74. Which of the following should be the **FIRST** sentence in the rearrangement?
1) D 2) A 3) C 4) B 5) F
75. Which of the following should be the **SECOND** sentence in the rearrangement?
1) B 2) F 3) E 4) D 5) A

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. The **car** 1/ was **parked** 2/ near 3/ her **building**. 4/ All Correct 5.
77. A **vaccination** 1/ drive was **held** 2/ to prevent the **outbreak** 3/ of an **epidemic**. 4/ All Correct 5.
78. Lina **was** 1/ the **first** 2/ one to **reach** 3/ the **venue**. 4/ All Correct 5.
79. She **could** 1/ not **attend** 2/ the **function** 3/ as her flight got **cancelled**. 4/ All Correct 5.
80. Mohan **tried** 1/ to **help** 2/ but his **friend** 3/ refused to take his **help**. 4/ All Correct 5.

Directions (81 – 90): 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.)

81. There were 1/ many people 2/ present on the 3/ award function. 4/ No Error 5.
82. It was a long 1/ and uncomfortable journey 2/ but he managed 3/ to reach with time. 4/ No Error 5.
83. The car broke 1/ down while he 2/ was on his 3/ way to work. 4/ No Error 5.
84. Do you wanted 1/ to discuss this 2/ project today or can 3/ we do it tomorrow? 4/ No Error 5.
85. In spite of being 1/ unwell, Shalini gave 2/ a wonderful performance 3/ at the concert. 4/ No Error 5.
86. Nina had applied 1/ for a loans for 2/ post-graduate studies but 3/ it was not sanctioned. 4/ No Error 5.
87. People find it 1/ difficult to understand 2/ him as he 3/ don't speak clearly. 4/ No Error 5.
88. Dr. Shah was explain 1/ the benefits 2/ exercising atleast 3/ five times a week. 4/ No Error 5.
89. The actor donated 1/ a huge sum of 2/ the money to the 3/ orphanage on Childrens Day. 4/ No Error 5.
90. The customers were asked to 1/ give their feedback after 2/ using the try pack of the 3/ new detergent powder. 4/ No Error 5.

Directions (91 – 100): 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.

King Vikramaditya was (91) for his justice and kindness. In his kingdom, everyone was leading a happy and content life. His people loved him and were proud of him. Once, Vikramaditya decided to build a palace on a river bank. He (92) his ministers to survey the site and start the (93). Many labourers were put to work and in a few days the palace was (94). Before inviting the king to see the palace, the minister decided to take a final look. "Splendid!" the minister exclaimed, looking at the palace. Then suddenly his eyes fell on something and he shouted "What is that? I did not see that before." All the labourers and the soldiers turned around, there as a hut just a few steps away from the palace gate. "What is this hut doing here?" shouted the minister and added, "And who, does it belong to?"

"Sir it belongs to an old woman. She has been living here for a long time" replied a soldier. The minister walked up to the hut and spoke to the old lady. "I want to buy your hut. You can as much money as you want," he said. "I am sorry, Sir. I cannot accept your offer. My hut is (95) to me than my life. I have lived in it with my late husband and I want to die in it", the old lady said.

The minister tried to tell her that her hut would (96) the charm of the newly constructed palace. But the old lady was strong (97) her stance and she was ready to face any consequence and any punishment. She refused to sell her hut to the King. The matter was then taken to the King. The wise and generous king thought for a while, and then said, "Let the old lady have her hut where it is. It will only (98) to the beauty of the new palace". Then (99) to the minister, the King said, "Let us not forget that what seems ugly to us may be (100) to some one else".

91. 1) seen 2) respect 3) smart 4) called
5) known
92. 1) ordered 2) indicated 3) hinted 4) pleaded
5) forced
93. 1) build 2) works 3) creation 4) construction
5) palace
94. 1) stand 2) seen 3) noticed 4) done
5) ready
95. 1) more 2) dearer 3) important 4) near
5) built
96. 1) stop 2) spoil 3) bring 4) add
5) obstruct
97. 1) for 2) by 3) on 4) to
5) till
98. 1) multiply 2) subtract 3) add 4) increase
5) help
99. 1) hiding 2) smiling 3) turning 4) peeping
5) staring
100. 1) good 2) nice 3) uglier 4) precious
5) happy

TEST OF NUMERICAL ABILITY

Directions (101 – 120): What should come in place of the question mark (?) in the following questions?

101. $120 \div 24 \times 36 + 8 = ?$

- 1) 188 2) 180 3) 184 4) 182
5) None of these

102. $6850 \div 25 \div ? - 24 = 30.8$

- 1) 4 2) 10 3) 6 4) 5
5) None of these

103. $39851 + 42305 = 122678 - ?$

- 1) 82156 2) 40522 3) 45022 4) 60256
5) None of these

104. $98 \times 64 - 3504 = ?$

- 1) 2572 2) 2768 3) 2964 4) 2732
5) None of these

105. $113698 - 105697 - 3058 = ?$

- 1) 4493 2) 4934 3) 4943 4) 4953
5) None of these

106. $(25 \times 6000) \div 150 \times 45 = ?$

- 1) 4500 2) 50000 3) 5000 4) 450000
5) None of these

107. $\sqrt[3]{2197} \times \sqrt[3]{729} = ?$

- 1) 117 2) 91 3) 126 4) 99
5) None of these

108. $(6)^2 + (8)^2 \times (2)^2 - (9)^2 = ?$

- 1) 215 2) 209 3) 221 4) 211
5) None of these

109. $7008 \div 24 + 6208 \div 16 = ?$

- 1) 640 2) 720 3) 700 4) 690
5) None of these

110. $\frac{3}{4}$ th of $\frac{3}{5}$ th of $\frac{2}{3}$ rd of ? = 3174

- 1) 10550 2) 10540 3) 10580 4) 10500
5) None of these

111. $(5)^{(3.5)} \times (5)^{(4.8)} \times (5)^{(2.4)} \div (5)^{(?)} = (5)^{(5.1)}$

- 1) 5.4 2) 5.2 3) 5.6 4) 5.5
5) None of these

112. 45% of 3204 – 48% of ? = 911.40

- 1) 1050 2) 1105 3) 1150 4) 1005
5) None of these

113. 48% of 350 $\times \frac{3}{4} = ?$

- 1) 42 2) 128 3) 126 4) 48
5) None of these

114. (5436 + 2402 + 1148) $\div ? = 449.30$

- 1) 20 2) 24 3) 22 4) 18
5) None of these

115. $\sqrt{1296} \times \sqrt{1764} + ? = (39)^2$

- 1) 9 2) 7 3) 11 4) 5
5) None of these

116. 25.4 $\times 12.5 + ? = 354$

- 1) 34 2) 35.5 3) 35 4) 36.5
5) None of these

117. $\frac{16 \times 2 + 4.5 \times 2}{?} = \frac{1}{8}$

- 1) 246 2) 480 3) 348 4) 369
5) None of these

118. $[(16)^2 \times (24)^2] \div (?)^2 = (12)^2$

- 1) 36 2) 30 3) 28 4) 42
5) None of these

119. 744 $\div ? - 13 = 18$

- 1) 24 2) 20 3) 18 4) 28
5) None of these

120. 65% of 1040 = ?% of 2000

- 1) 32.50 2) 30.80 3) 35.50 4) 33.80
5) None of these

121. $8\frac{1}{3} + 7\frac{1}{2} - \frac{1}{3} = ?$

- 1) $10\frac{2}{3}$ 2) $15\frac{1}{3}$ 3) $10\frac{1}{2}$ 4) $16\frac{1}{2}$
5) None of these

122. 648 $\times 263 = ?$

- 1) 170424 2) 169128 3) 169372 4) 171072
5) None of these

123. $(408 + 220 + 102) + (240 - ? - 57) = 29.2$

- 1) 156 2) 154 3) 158 4) 152
5) None of these

124. $\frac{52 \times 0.4 \times 4.5}{2 \times 3 \times 4} = ?$

- 1) 3.6 2) 4.2 3) 9.3 4) 8.3
5) None of these

125. $74 \times 25 - 33 \times 45 = ?$

- 1) 385 2) 365 3) 345 4) 325
5) None of these

126. The respective ratio of the number of boys to the number of girls studying in a school is 25 : 29. The total number of students studying in the school is 270. If 15 boys and 15 girls take admission in the school, what will be the new respective ratio of the boys and girls studying in the school?

- 1) 6 : 7 2) 8 : 9 3) 7 : 8 4) 7 : 9
5) None of these

127. The profit earned after selling a T-shirt for ₹ 575 is the same as loss incurred after selling the same T-Shirt for ₹ 295. What is the cost price of the T-shirt?

- 1) ₹ 425 2) ₹ 445 3) ₹ 430 4) ₹ 450
5) None of these

128. In a class of 125 students 20% of the students can dance. $\frac{2}{5}$ th of the total number of students in the class can sing and $\frac{2}{5}$ th of the remaining number of students in the class are good at sports. What is the respective ratio of the number of students who can dance to the number of students who are good at sports?

- 1) 5 : 4 2) 4 : 3 3) 5 : 3 4) 6 : 2
5) None of these

129. Amrita took a loan of ₹ 50,600 at a certain rate of simple interest for 5 years. At the end of 5 years she repayed an amount of ₹ 65,780. What is the rate of interest at which Amrita took the loan?

- 1) 5 p.c.p.a. 2) 4 p.c.p.a. 3) 8 p.c.p.a. 4) 6 p.c.p.a.
5) None of these

130. What should come in place of the question mark (?) in the following number series?

3 5 13 43 177 ? 5353

- 1) 891 2) 713 3) 885 4) 899
5) None of these

131. What approximate value should come in place of the question mark (?) in the following question?

$5040 \div 33 - 45 = ?$

- 1) 115 2) 102 3) 120 4) 108 5) 125

132. The population of a town two years ago was 45,000. It increased by 12% in the first year and decreased by 15% in the second year. What was the population of the town at the end of two years?

- 1) 57,960 2) 42,840 3) 44,820 4) 50,400
5) None of these

133. Find the average of the following set of scores.
157, 348, 443, 221, 360, 795, 841, 101
1) 443 2) 368.50 3) 408.25 4) 348
5) None of these
134. If an amount of ₹ 93,470 is distributed equally among 75 people, how much approximate amount would each person get?
1) ₹ 1,230 2) ₹ 1,240 3) ₹ 1,242 4) ₹ 1,246
5) ₹ 1,254
135. Samir scored a total of 455 marks out of 800 marks in an examination. What was his approximate percentage in the examination?
1) 60 2) 52 3) 54 4) 62 5) 57
136. A juice shop requires 35 kgs. of sugar for seven days. How many kgs. of sugar will it require for 50 days?
1) 250 kgs 2) 150 kgs 3) 350 kgs 4) 300 kgs
5) None of these
137. The sum of five consecutive numbers is 250. What is the difference between the sum of the smallest and the largest number and the square of the middle number?
1) 2500 2) 2200 3) 2000 4) 2600
5) None of these
138. In the following number series a wrong number is given. Find out the wrong number.
5800 5788 5764 5728 5660 5620 5548
1) 5764 2) 5620 3) 5660 4) 5728 5) 5788
139. The difference between 46% of a number and 35% of the same number is 169.4. What is $\frac{3}{4}$ of that number?
1) 1055 2) 1145 3) 1065 4) 1155
5) None of these
140. The respective ratio of the length and breadth of a rectangular plot is 3 : 2. If the length of the plot is 40 metres more than its breadth, what is the perimeter of the rectangular plot?
1) 200 metres 2) 400 metres 3) 500 metres
4) Cannot be determined 5) None of these

Directions (141 – 150): Study the following table carefully and answer the questions given below.

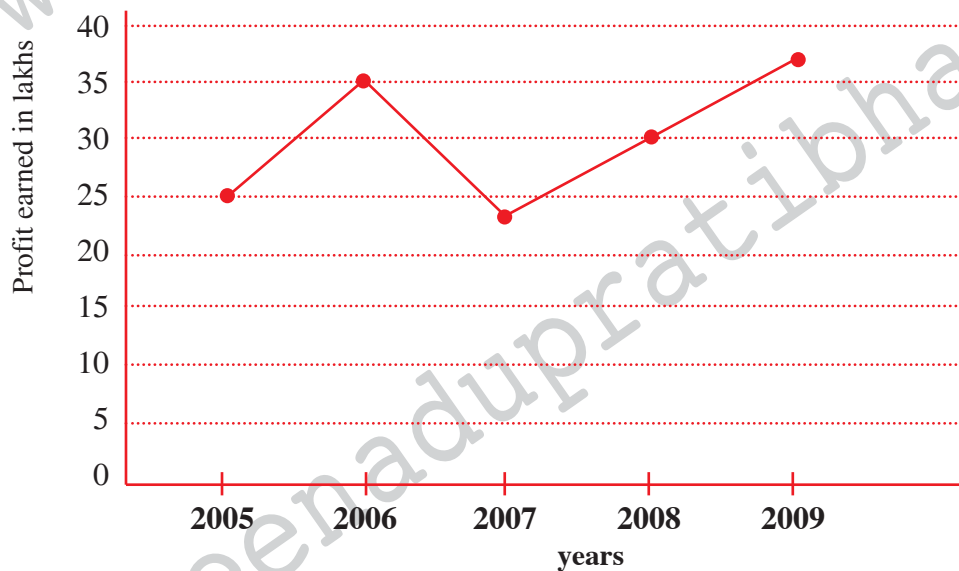
| Number of graduates and post-graduates living in various towns | | |
|--|-----------|----------------|
| Towns | graduates | post-graduates |
| A | 10,200 | 8,000 |
| B | 25,250 | 18,000 |
| C | 15,150 | 10,500 |
| D | 20,200 | 16,250 |
| E | 24,000 | 20,000 |
| F | 16,500 | 18,450 |

141. What is the difference between the number of graduates and the number of post-graduates in town C?
 1) 4650 2) 4500 3) 4560 4) 4600
 5) None of these
142. What is the average number of post graduates in all the towns together?
 1) 16,250 2) 15,500 3) 15,200 4) 16,000
 5) None of these
143. What is the respective ratio of the number of graduates from towns A and B together to the number of post graduates from towns A and E together?
 1) 709 : 535 2) 709 : 560 3) 540 : 709 4) 769 : 709
 5) None of these
144. What is the total number of graduates and post graduates in town A, D and F together?
 1) 84,500 2) 90,200 3) 88,500 4) 89,600
 5) None of these
145. The number of graduates in town F is approximately what percent of the number of post graduates in the same town?
 1) 84 2) 92 3) 95 4) 83 5) 89

Directions (146 – 150): Study the following graph carefully and answer the questions given below it.

Profit Earned by a Company during Various years (profit earned in lakhs)

Profit = Income – Expenditure



146. What is the average profit earned by the company over the years?
 1) ₹ 35 lakhs 2) ₹ 40 lakhs 3) ₹ 25 lakhs 4) ₹ 30 lakhs
 5) None of these
147. If the expenditure of the company in the year 2009 was 28 lakhs, what was the income of the company in that year?
 1) ₹ 60 lakhs 2) ₹ 65.5 lakhs 3) ₹ 68.5 lakhs 4) ₹ 70 lakhs
 5) None of these

148. What is the approximate percent increase in the profit of the company in the year 2008 from the previous year?
- 1) 38 2) 28 3) 26 4) 33 5) 36
149. What is the respective ratio of the profit earned by the company in the year 2005 to the profit earned by the company in the year 2009?
- 1) 3 : 4 2) 4 : 5 3) 2 : 3 4) 2 : 5
- 5) None of these
150. If the income of the company in the year 2007 was ₹ 45 lakhs, what was expenditure of the company in that year?
- 1) ₹ 22,00,000 2) ₹ 21,50,000
- 3) ₹ 20,00,000 4) Cannot be determined
- 5) None of these

ANSWERS

1-2; 2-2; 3-3; 4-5; 5-1; 6-1; 7-1; 8-5; 9-1; 10-3; 11-3; 12-3; 13-5; 14-5; 15-2; 16-4; 17-1; 18-4; 19-4; 20-1; 21-4; 22-1; 23-4; 24-1; 25-3; 26-1; 27-4; 28-3; 29-4; 30-5; 31-5; 32-1; 33-1; 34-4; 35-3; 36-2; 37-4; 38-4; 39-2; 40-3; 41-1; 42-5; 43-4; 44-1; 45-3; 46-2; 47-4; 48-2; 49-3; 50-5; 51-1; 52-3; 53-3; 54-1; 55-2; 56-5; 57-4; 58-4; 59-2; 60-1; 61-3; 62-2; 63-3; 64-4; 65-1; 66-5; 67-2; 68-3; 69-1; 70-2; 71-5; 72-2; 73-3; 74-4; 75-4; 76-2; 77-5; 78-3; 79-4; 80-1; 81-3; 82-4; 83-5; 84-1; 85-5; 86-2; 87-4; 88-1; 89-3; 90-3; 91-5; 92-1; 93-2; 94-5; 95-2; 96-2; 97-3; 98-3; 99-3; 100-2; 101-1; 102-4; 103-2; 104-2; 105-3; 106-5; 107-1; 108-4; 109-5; 110-3; 111-3; 112-2; 113-3; 114-1; 115-1; 116-4; 117-5; 118-5; 119-1; 120-4; 121-5; 122-1; 123-3; 124-5; 125-2; 126-3; 127-5; 128-1; 129-4; 130-1; 131-4; 132-2; 133-3; 134-4; 135-5; 136-1; 137-5; 138-3; 139-4; 140-2; 141-1; 142-3; 143-2; 144-4; 145-5; 146-4; 147-2; 148-4; 149-3; 150-5.