SRI KRISHNAVENI BANKING COACHING CENTRE

YEMMIGANUR, Cell : 9885303408
Website : www.krishnaveni632.yolasite.com

Marks : 200 SBI/SBI Associates Banks Clerks Time : 135 Min

MODEL PAPER - 15

REASONING ABILITY

1. In a certain code language BEAM is written as 5% *K and COME is written as $ 7K%. How is BOMB written in that code?
1. 5% K5 2. 57K5 3. $7K$ 4. 5$%5
5. None of these

2. If it is possible to make a meaningful word with the second, the fourth, the sixth and the ninth letters of the word PERMEABILITY, which of the following will be the first letter of that word? If no such word can be formed give 'N' as the answer. If only two such words can be formed give 'D' as the answer and if more than two such words can be formed give 'Z' as the answer.
1. M 2. L 3. N 4. D
5. Z

3. 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 that group?
1. 29 2. 85 3. 147 4. 125
5. 57

4. Which of the following has the same relationship as that of Money : Wealth?
1. Pity : Kindness 2. Cruel : Anger
3. Wise : Education 4. Pride : Humility
5. None of these

5. 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 that group?
1. Crow 2. Vulture 3. Bat 4. Ostrich
5. Eagle

6. 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 that group?
1. Food : Hunger 2. Water : Thirst
3. Air : Suffocation 4. Talent : Education
5. Leg : Lame

7. In a certain code PATHOLOGIST is written as PIUBQKSRHFN. How is CONTROVERSY written in that code?
1. SUOPDNXRQDU 2. SUOPDNZTSFW
3. QSMNBPXRQDU 4. QSMNBPZTSFW
5. None of these

8. How many such pairs of digits are there in the number 95137248 each of which has as many digits between them in the number as when they are arranged in ascending order?
1. None 2. One 3. Two 4. Three
5. More than three

Directions (Q. 9-10): *Study the meaning of the given mbols and answer the questions based on it.*
i) P × Q means Q is mother of P
ii) P + Q means P is brother of Q
iii) P – Q means P is sister of Q
iv) P ÷ Q means Q is father of P

. Which of the following definitely means R is grandson of K?
1. R × T ÷ K 2. M + R × T ÷ K
3. M – R × T ÷ K 4. Cannot be determined
5. None of these

10. Which of the following statements is superfluous to answer the above question?
1. None 2. (i) only 3. (ii) only 4. (iii) only
5. (iv) only

Directions (Q. 11-13): *Study the following five numbers and answer the questions given below.*
517 325 639 841 792

11. What will be last digit of the third number from top when they are arranged in descending order after reversing the position of the digits with in each number?
1. 7 2. 3 3. 5 4. 2
5. None of these

12. What will be the middle digit of the second lowest number after the position of only the first and the second digits within each number are interchanged?
1. 5 2. 2 3. 7 4. 3
5. None of these

13. What will be the first digit of the second highest number after the position of only the second and the third digits within each number are interchanged?
1. 7 2. 2 3. 8 4. 9
5. None of these

14. Mohan and Suresh study in the same class. Mohan has secured more marks than Suresh in the terminal examination. Suresh's rank is seventh from top among all the students in the class. Which of the following is definitely true?
1. Mohan stood first in the terminal examination
2. There is at least one student between Mohan and Suresh in the rank list.
3. There are at the most five students between Mohan and Suresh in the rank list.
4. Suresh is five ranks lower than Mohan in the rank list.
5. None of these

15. Q travels towards East. M travels towards North. S and T travel in opposite directions. T travels towards right of Q. Which of the following is definitely true?
1. M and S travel in the opposite directions
2. S travels towards West
3. T travels towards North
4. M and S travel in the same direction
5. None of these

Directions (Q.16-18): *In a certain code language meanings of some words are as follows:*
(i) *'pit na sa'* means *'you are welcome'*
(ii) *'na ho pa la'* means *'they are very good'*
(iii) *'ka da la'* means *'who is good'*.
(iv) *'od ho pit la'* means *'they welcome good people'*.

16. Which of the following means 'people' in that code language?
1. ho 2. pit 3. la 4. od

5. Data inadequate

17. Which of the following means 'very' in that code language?

1. na 2. da
3. pa 4. Data inadequate
5. None of these

18. Which of the following statements is/are redundant to answer the above two questions?

1. None 2. (i) and (iii) 3. (ii) or (iv) 4. (i) or (iv)
5. None of these

Directions (Q. 19-20): *Study the information given below and answer the questions following it:*

Mohan is son of Arun's father's sister. Prakash is son of Reva, who is mother of Vikash and grandmother of Arun. Pranab is father of Neela and grandfather of Mohan. Reva is wife of Pranab.

19. How is Mohan related to Reva?

1. Grandson 2. Son
3. Nephew 4. Data inadequate
5. None of these

20. How is Vikash's wife related to Neela?

1. Sister 2. Niece
3. Sister-in-law 4. Data inadequate
5. None of these

Directions (Q. 21-25): *In the following questions, the symbols @, #, $, * and % are used as illustrated below:*

'P @ Q' means 'P is not smaller than Q'.
'P # Q' means 'P is neither greater than nor equal to Q'.
'P $ Q' means 'P is neither smaller than nor greater than Q'.
'P * Q' means 'P is not greater than Q'
'P % Q' means 'P is neither smaller than nor equal to Q'.

Now in each of the following questions assuming the given statements to be true, find which of the two conclusions I and II given below them is/are **definitely true? Give answer**

1. if only Conclusion I is true.
2. if only Conclusion II is true.
3. if either Conclusion I or II is true.
4. if neither Conclusion I nor II is true.
5. if both Conclusions I and II are true.

21. Statements:

M $ K, D * K, R # K

Conclusions:

I. D $ M II. M % D

22. Statements:

F * M, M % R, E @ F

Conclusions:

I. M % E II. R @ E

23. Statements:

H $ K, T # H, W * T

Conclusions:

I. K % W II. T # K

24. Statements:

N % A, A # L, F $ N

Conclusions:

I. L % F II. F % A

25. Statements:

B * D, D $ M, F % M

Conclusions:

I. B # M II. F % B

Directions (Q. 26-30): *In each of the questions below are given three statements followed by four conclusions numbered I, II, III and IV. 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.*

26. Statements:

a. Some boxes are trees
b. Some trees are horses
c. All horses are fruits

Conclusions:

I. Some fruits are boxes
II. Some fruits are trees
III. Some horses are boxes
IV. No fruits are boxes

1. None follows
2. Only either II or IV follows
3. Only either I or IV and II
4. Only either I or III and IV
5. None of these

27. Statements:

a. All flowers are buses.
b. Some buses are cats.
c. All cats are tigers.

Conclusions:

I. Some tigers are buses.
II. Some tigers are flowers.
III. Some cats are flowers.
IV. Some buses are tigers.

1. None follows 2. Only I and II follow
3. Only III and IV follow 4. Only I and IV follow
5. Only II and III follow

28. Statements:

a. All fans are rooms.
b. No room is green.
c. Some windows are green.

Conclusions:

I. Some windows are fans.
II. Some windows are rooms.
III. Some fans are green.
IV. No green is fan.

1. Only I follows 2. Only III follows
3. Only IV follows 4. Only II and IV follow
5. All follow

29. Statements:

a. Some tablets are rains.
b. All dogs are rains.
c. All rains are chairs.

Conclusions:

I. Some chairs are tablets
II. All dogs are chairs
III. Some tablets are dogs.
IV. Some tablets are chairs.

1. All follow 2. Only I, II and III follow
3. Only II, III and IV 4. Only III and IV follow
5. None of these

30. Statements:

a. No man is sky.
b. No sky is road.
c. Some men are roads.

Conclusions:

I. No road is man.
II. No road is sky.
III. Some skies are men.
IV. All roads are men.

1. None follows 2. Only I follows
3. Only I and III follow 4. Only II and III follow
5. None of these

31. If the alphabet series is written in the manner AZBYCX ..... and so on; what will be the fifth letter to the right of fifteenth letter from the left ?

1. Q 2. P 3. J 4. S
5. None of these

32. How many such pairs of letters are there in the word TRANSFER each of which has as many letters between them in the word as in the english alphabet ?

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

33. D is sister of F. M is brother of F. K is brother of D and son of T. R is wife of T. How is F related to T ?

1. Daughter 2. Son
3. Son or Daughter 4. Data inadequate
5. None of these

34. Four of the following five are alike in a certain way and so form a group. Which is the one that does not being to the group ?

1. 77 2. 261 3. 221 4. 133
5. 91

35. Circumference is related to a circle in the same way as a / an ——— is related to rectangle

1. area 2. square
3. length 4. perimeter
5. cuboid

Directions (Q. 36-40): *In each question below is given a group of letters followed by four combinations of digits / symbols letterd (1), (2), (3) and (4). You have to find out which of the combinations correctly represents the group of letters based on the coding system and mark the letter of that combination as your answer. If none of the combinations correctly represents the group of letters makr (5) i.e. None of these as your answer.*

Letter	T	A	G	R	S	D	N	E	V	U	X	P
Digit/ Symbol	@	4	9	#	%	3	©	5	1	β	7	6

i. If the first letter is consonant and the last letter is vowel only the first letter may be coded and no code may be given to the last letter.
ii. if both the fist and last letters are vowels then both are to be coded is $.
iii. If the first letter is a vowel and the last letter is consonant then the codes are to be interchanged.

36. DESGRT:

1. 35%9# 2. 35%?#@ 3. @5%?#3 4. 359%#@
5. None of these

37. NERSPU

1. @5#%6@ 2. @5#56© 3. ©5#%6 4. ©5#%β
5. None of these

38. XNTPGA

1. 7©@694 2. 7©@964 3. 4©@69 4. 7©@69
5. None of these

39. ESVNTU

1. $%1©@$ 2. 5%1©@β 3. $%1©@β 4. $#1©β5
5. None of these

40. UXPTGN

1. ©76@9β 2. $76@9© 3. β76@9© 4. β76@9β
5. None of these

QUANTITATIVE APTITUDE

Directions (41-50): *What will come in place of the question mark (?) in the following questions?*

41. $2\frac{3}{4} \times 15 \frac{1}{7} \times 4 \frac{5}{11} = ?$

1. $120\frac{1}{2}$ 2. $120\frac{15}{77}$ 3. $180\frac{1}{2}$ 4. 185.5
5. None of these

42. $100 + 50 \times 2 = ?$

1. 300 2. 200 3. 75 4. 150
5. None of these

43. 65% of ? = 20% of 422.50

1. 84.5 2. 139.425 3. 130 4. 200
5. None of these

44. $\sqrt{53824} = ?$

1. 232 2. 202 3. 332 4. 242
5. None of these

45. $\frac{10^7 \times 10^2}{10^4} = 10^?$

1. 13 2. 10 3. 1 4. 5
5. None of these

46. $\frac{3}{5}$ **of** $\frac{4}{7}$ **of** $\frac{5}{9}$ **of** $\frac{21}{24}$ **of 504 = ?**

1. 96 2. 69 3. 109 4. 63
5. None of these

47. $0.002 \times 0.5 = ?$

1. 0.01 2. 0.001 3. 0.0001 4. 0.1
5. None of these

48. $1\frac{3}{4} + 5\frac{1}{3} + 3\frac{2}{5} = ?$

1. $10\frac{2}{5}$ 2. $10\frac{29}{60}$ 3. $9\frac{29}{60}$ 4. $9\frac{2}{5}$
5. None of these

49. $1000^7 + 10^{18} = ?$

1. 1000 2. 10 3. 100000 4. 100
5. None of these

50. $1000 + 50 + 5 = ?$

1. 1000 2. 20 3. 10 4. 5
5. None of these

51. In how many different ways can the letters of the word BANKING be arranged in such a way that the vowels always come together?

1. 540 2. 360 3. 240 4. 120
5. None of these

52. In how many different ways can five boys sit on eight chairs?

1. 120 2. 3360 3. 1690 4. 336
5. None of these

53. Srikant is younger than Ram by four years. If their ages are in the resective ratio of 7 : 9, how old is Srikant?

1. 18 years 2. 16 years
3. 28 years 4. cannot be determined
5. None of these

54. A sum doubles in five years with simple interest. What is the rate of interest?

1. 20 2. 10
3. 15 4. cannot be determined
5. None of these

55. A car starts with a speed of 50 kmph with its speed increasing every half-an-hour by 10 kmph. What will be the total distance covered by it in three hours?

1. 180 km 2. 260 km
3. 250 km 4. Cannot be determined
5. None of these

56. Which of the following fractions is in ascending order?

1. $\frac{5}{8}, \frac{5}{7}, \frac{3}{4}, \frac{6}{7}, \frac{7}{8}$ 2. $\frac{5}{8}, \frac{5}{7}, \frac{6}{7}, \frac{3}{4}, \frac{7}{8}$
3. $\frac{7}{8}, \frac{3}{4}, \frac{6}{7}, \frac{5}{7}, \frac{5}{8}$ 4. $\frac{3}{4}, \frac{5}{7}, \frac{6}{7}, \frac{5}{8}, \frac{7}{8}$
5. None of these

57. The difference between a number and its two-fifth is 441. What is 18% of the number?

1. 131.3 2. 133.3
3. 132.3 4. Cannot be determined
5. None of these

58. What will be the difference in simple and compound interest at 10% per annum on the sum of Rs. 1000 after four years?

1. Rs. 40.40 2. Rs. 64.10
3. Rs. 31 4. Rs. 32.10
5. None of these

59. 10 women can complete a work in 7 days and 10

children take 14 days to complete the work. How many days will 5 women and 10 children take to complete the work?

1. 5 2. 7
3. 3 4. Cannot be determined
5. None of these

60. A train running at the speed of 60 km/hour crosses a pole in 9 seconds. What is the length of the train?

1. 120 metres 2. 180 metres
3. 324 metres 4. Cannot be determined
5. None of these

61. The difference between a two digit number and the number obtained by interchanging the two digits is 63. Which is the smaller of the two numbers?

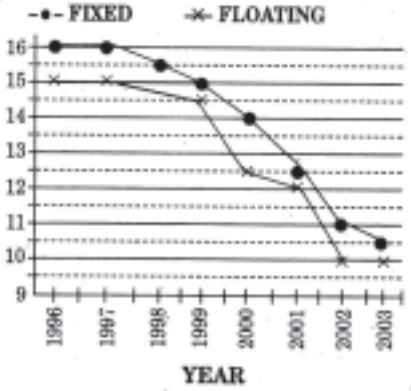
1. 29 2. 92
3. 70 4. Cannot be determined
5. None of these

62. A product when sold with 10% rebate on the listed price gave a profit of Rs.70 What was its cost price?

1. Rs. 700 2. Rs. 350
3. Rs. 200 4. Cannot be determined
5. None of these

***Directions* (63-67):** *Study the following graph to answer the given questions:*

Rate of interest on housing loans for different years.



63. For how many years was the difference in fixed and floating rate more than 0.5?

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

64. For the given years, what is the difference in the average rate of interest between fixed and floating?

1. 0.8125 2. 0.5 3. 0.4575 4. 0.2525
5. None of these

65. Which of the following statements is not true?

1. The floating rate was always lower than the fixed for all the given years.
2. The number of years the rate changed was less for floating than that of fixed.
3. Each year there was a decline in the fixed rate compared to the previous year.
4. In neither of the rates was there any increase from that of the previous year.
5. The decline patern of the fixed and the floating was not the same.

66. Which year is the difference in rate of interest between fixed and floating the maximum?

1. 2002 2. 2001
3. 1996 & 1997 4. 2003
5. None of these

67. For fixed rate, which year is the per cent decrease from the previous year the highest?

1. 2002 2. 2001 3. 2000 4. 2003
5. None of these

***Directions* (68-73):** *What will come in place of the question mark (?) in the following series?*

68. 140 147 138 ? 136 151 134

1. 129 2. 149 3. 145 4. 147
5. None of these

69. 18 19 37 56 93 ?

1. 112 2. 167 3. 115 4. 139
5. None of these

70. 2 4 8 32 ? 8192

1. 36 2. 256 3. 64 4. 128
5. None of these

71. 5 10 40 ? 1920 19200

1. 240 2. 160 3. 200 4. 80
5. None of these

72. 1 4 ? 16 25 36

1. 10 2. 8 3. 7 4. 13
5. None of these

73. 15 32 67 138 ? 568

1. 276 2. 280 3. 281 4. 278
5. None of these

***Directions* (74-80):** *Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and*

Give answer (1) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficiednt to answer the question.

Give answer (2) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

Give answer (3) if the data either in statement I alone or in statement II alone are sufficient to answer the question.

Give answer (4) if the data even in both statements I and II together are not sufficient to answer the question.

Give answer (5) if the data in both statements I and II together are necessary to answer the question.

74. What is the speed of the train whose length is 210 metres?

I. The train crosses another train of 300 metres length running in opposite direction in 10 seconds.

II. The train crosses another train running in the same direction at the speed of km/hr in 30seconds.

75. What is the simple rate of interest?

I. The total interest earned was Rs. 4000/-

II. The sum was invested for 4 years.

76. What is the volume of a cube?

I. The area of each face of the cube is 64 square metres.

II. The length of one side of the cube is 8 metres.

77. What is the number?

I. 40% of the number is equal to its $\frac{2}{5}$.

II. 20% of the number is equal to 30% of 40.

78. What is the two digit number?

I. The difference between the two digits is nine.

II. The sum between the two digits is nine.

79. What is the per cent profit earned by selling the product?

I. The profit earned was Rs. 50/-

II. Had it been sold for Rs. 310 the profit would have been Rs. 70/-

80. What is the measure of three angles of a right angled triangle?

I. Measure of one angle is 60°

II. The sum of two angles of the triangle is 120°.

ENGLISH LANGUAGE

Directions (81 - 95) : *Read the following passage carefully and answer the questions given below it. Certain words/phrases are given in bold to help you locate them while answering some of the questions.*

The general elections sometimes are a good source of funny **stories**. One of these concerns a man who was the MLA from our constituency. He hasn't been to our constituency since we sent him to the Assembly. Last month he was the party candidate. In due course of time he arrived in our constituency to ask for votes. He took up the usual pose of a **humble** leader, dhoti, kurta, namaste and a **beautiful** smile on his lips. The usual speech followed about valuable votes and "I have come to serve you" and so on and so fourth.

All this was happening in bright sunlight. Even so he must have more than a little surprised to see that quite a few of this audience were carrying torches. At an invisable singal they switched them on and shown them full into his face. The questions they asked were, Who is this man? Have we seen him before? "He would probably have fled from the **scence** had not a minister, a wide **grin** on his face, persuaded the villagers to switch off their torches.

81. Why did people focus touches into the face of the MLA?
1. They were unhappy with his speech
2. The MLA had never visited the constitutency after being elected
3. They were advised to do so by the minister
4. They wanted the MLA to realise his mistake
5. None of these

82. Which of the following best describes the meaning of the phrase more than a little surprised?
1. Full of anger
2. Astonished
3. Happy
4. Aggrieved
5. None of these

83. How did the speaker pose before the audience?
1. A visibly upset look
2. A beautifull lipstick on his lip
3. A poised humble look
4. A wide grin on his face
5. None of these

84. Which of the following is TRUE in the context of the passage?
1. The MLA visited our constituency every year
2. The speaker was not surprised to see people carrying torches
3. The minister persuaded the audience to swith off their torches
4. The MLA fled away from the scence
5. None of these

85. Why were the people carrying torches?
1. They wanted to trace some invisible
2. The lecture was arranged in the evening
3. They wanted to demonstrate their protest
4. They wanted to disturb the public meeting
5. None of these

86. When did the MLA visit the village?
1. Immediately after being elected
2. On the brightest day of the year
3. Two months before the election
4. Before the election
5. None of these

87. Which of the following is NOT TRUE in the context of the passage?
1. The MLA never came to the constituency during his tenure
2. The speaker wanted to run away from the scence
3. The villagers switched off their torches
4. The MLA was surprised to see the torches
5. None of these

88. Who was the party candidate?
1. The ex-minister
2. The speaker of the asembly
3. The person who persuaded to switch off torches
4. The ex-MLA
5. None of these

89. Which of the following surprised the MLA?
1. The invisible signal
2. The applause of the people
3. The torch bearing audience
4. A wide grin of the minister
5. None of these

Directions (90-92) : *Choose the word which is most nearly the **same** in meaning as the word given in **bold** as used in the passage.*

90. Grin
1. dimple
2. look
3. mark
4. smile
5. anger

91. Stories
1. roola
2. episodes
3. floors
4. dramas
5. tales

92. Scene
1. site
2. stage
3. scenario
4. sight
5. spot

Directions (93-95) : *Choose the word which is most **opposite** in meaning to the word given in **bold** as used in the passage.*

93. Beautiful
1. harsh
2. ugly
3. shrewed
4. cunning
5. bad

94. Bright
1. shining
2. calm
3. cool
4. dull
5. dim

95. Humble
1. excited
2. rude
3. panicky
4. poor
5. anxious

Directions (96-110) : *Read each sentence to find out whether there is any grammatical 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 the errors of punctuation, if any).*

96. By the time (1) / we reached there (2) / the seminar (3) / had begun. (4) / No error (5).

97. I was to about (1) / go out of my house/ (2) / when it suddenly (3) / started raining (4) / No error (5).

98. All the committee (1) / members except one (2) / of them was present (3) / in the meeting. (4) / No error (5).

99. When there was (1) / no one at home (2) / a thief came in (3) / and rob the house (4) / No error (5).

100. Why can't he be (1) / held guilty (2) / if all evidence (3) / is aganist him? (4) / No error (5).

101. Prachi might have (1) / did this (2) / with some selfish (3) / thought in mind. (4) / No error (5).

102. He went inside (1) / the burning house (2) / even though I advised (3) / him to do not go. (4) / No error (5).

103. Owing for this (1) / reason they did (2) / no work (3) / for the institution. (4) / No error (5).

104. Although Sudhir ran (1) / very fastly, he (2) / could not catch (3) / the moving train. (4) / No error (5).

105. India began (1) / his nuclear energy (2) / programme during (3) / the last fifties. (4) / No error (5).

106. The Director prefers (1) / your proposal than (2) / that is given by (3) / the other managers. (4) / No error (5).

107. I requested my (1) / daughter to remain there (2) / till I come back (3) / from the shop. (4) / No error (5).

108. The factory failed (1) / to supply the goods (2) / on time and so (3) / the order was cancelled. (4) / No error (5).

109. Our country have (1) / the largest number (2) / of educated unemployed (3) / in the world. (4) / No error (5).

110. The captain frightened (1) / that his army would (2) / be surrounded (3) / had begun. (4) / No error (5).

Directions (111 -115): *In each of the following question, five words are given denoted by (1), (2), (3), (4) and (5). By using all the five words, each only once, you have to frame a meaningful and grammatically correct sentence. The correct order of the words is your answer. The five words may be arranged to form one or more meaningful sentences. However you have the one having the correct order of the words.*

111. A. Him B. The
C. To D. Charge
E. Handover
1. DEBACA 2. EACDB
3. DACEB 4. DEBAC
5. EBDCA

112. A. Doctor B. His
C. The D. Continued
E. Practice
1. BEDCA 2. CADBE
3. BECAD 4. EBCDA
5. EBCAD

113. A. Going B. Shilpa
C. Him D. Out
E. Saw
1. CADBE 2. BECAD
3. ADBEC 4. BADEC
5. BECDA

114. A. In B. Some
C. Put D. If
E. Sugar
1. BECDA 2. ECBAD
3. CEBAD 4. CBEAD
5. ADBEC

115. A. At B. It
C. Once D. Get
E. Please
1. BDACE 2. DABCE
3. ACEBD 4. EDBAC
5. ACDEB

Directions (116-120): *In each sentence below, one word has been printed in bold. Below the sentence, five words are suggested one of which can replace the word printed in bold without changing the meaning of the sentence. Find out the appropriate word in each case.*

116. The bathroom is at the <u>rear</u> side of this house
1. left 2. close
3. upper 4. back
5. front

117. It was <u>evident</u> that the purse was stolen by the servant
1. agreed 2. known
3. told 4. reported
5. clear

118. He is considered by everyone as a man of <u>integrity</u>
1. wealth 2. power
3. character 4. personality
5. unity

119. The accident occurred due to his lapse
1. ignorance 2. error
3. sleep 4. haste
5. trick

120. It is not the proper place to discuss this matter
1. real 2. genuine
3. correct 4. permanent
5. right

GENERAL AWARENESS

121) Which of the following states won the United Nations world Tourism Organization (UNWTO) Ulysses award for sustainable tourism in January 2014 ?
1) Sikkim 2) Jammu & Kashmir 3) Kerala
4) Rajasthan 5) Gujarat

122) The Cabinet Committee on Economic Affairs (CCEA) accorded approval for foreign equity participation up to 74% of the paid up capital in which of the following banks in January 2014?
1) Yes Bank 2) South Indian Bank
3) Karur Vysya Bank 4) Federal Bank
5) Lakshmi Vilas Bank

123) Who is the present Chairman of the Chiefs of Staff committee (COSC)
1) Bikram Singh 2) N.A.K.Browne
3) Arup Raha 4) R.K.Dhowan
5) None of these

124) Which of the following public sector banks launched 'connect card', targeting young individuals in January 2014?
1) State Bank of Hyderabad 2) Canara Bank
3) Corporation Bank
4) Oriental Bank of Commerce
5) Indian Overseas Bank

125) Junbeel Mela is an annual heritage festival celebrated in ?
1) Assam 2) Himachal Pradesh
3) West Bengal 4) Arunachal Pradesh
5) Odisha

126) Nest Labs was acquired by which of the following companies on January 14,2014?
1) Face Book 2) Google 3) Microsoft
4) Amazon 5) None of these

127) Dhanu Yatra , a drama festival, was celebrated in which of the following states in January 2014?
1) Odisha 2) Karnataka 3) Maharashtra
4) Rajasthan 5) Andhra Pradesh

128) Arrow 3 or Hetz 3 is an anti-ballistic missile, Jointly funded and developed by the USA and?
1)Iran 2) China 3) Israel 4)Pakistan 5) France

129) "With Malice towards one and all" was the

popular weekly column written by ?
1) M.J.Akbar 2) P.Sainath
3) Shekhar Gupta 4) Prabhu Chawla
5) Khushwant Singh

130) Who received the order of the Rising Sun, Gold and Silver Star by the Government of Japan recently?
1)Amartya Sen 2) E.Sreedharan
3) C.Rangarajan
4) Raghuram Rajan 5) None of these

131) With regard to share market,FPO means?
1) Final Public Offer 2) First public Offer
3) Follow on Public Offer
4) Forward public offer 5) None of these

132) Riots took place in little India recently. Little India is an area in?
1) Singapore 2) Malaysia 3) Indonesia
4) Philippines 5) Mauritius

133) Which of the following is related to Blue Revolution ?
1) Horticulture 2)Floriculture 3) Pisciculture
4) sericulture 5) None of these

134) The National Judicial Academy is located in ?
1) Pune 2)Bhopal 3) Jaipur 4) Patna 5) Hyderabad

135) Which of the following metals is used in spacecraft to withstand high temperatures?
1) Iron 2) Titanium 3) Silver 4) Copper 5) Lead

136) Foreign exchange reserves include ?
1) Foreign Currency deposits 2) Gold
3) Special drawing Rights 4) All 1,2 and 3
5) None of these

137) Indian off-spinner R. Ashwin was given which of the following awards recently ?
1) Colonel C.K. Nayudu award
2) Dilip Sardesai award
3) Polly Umrigar award
4) ICC emerging cricketer of the year award
5) None of these

138) Which Indian Scientist was awarded the order of merit of Russia in December 2013?
1) G.Sateesh Reddy 2) V.K. Saraswat
3) Tessy Thomas 4) Avinash Chander
5) A.Sivthanu Pillai

139) India has signed the $1.01 billion deal with which of the following countries for six additional C-130J Super Hercules aircraft ?
1) USA 2) UK 3) France 4) Germany 5) Japan

140) San Miguel or Chaparrastiquevolcano has erupted recently. It is located in ?
1) Indonesia 2) Ecuador 3) E1Salvador
4) Mexico 5) Philippines

141) The largest foreign exchange reserves are held by the central bank of which of the following countries ?
1) Japan 2) Switzerland 3) Saudi Arabia
4) China 5) Brazil

142) Naira is the currency of which of the following Africa countries?
1) Mozambique 2) Namibia 3) Rwanda
4) Tanzania 5) Nigeria

143) Which of the following is the capital city of Switzerland ?
1)Zurich 2)Geneva 3) Basel 4) Berne 5) Lausanne

144) Identify the mismatched pair?

COUNTRY	CURRENCY
1) Afghanistan	Afghani
2) Chile	peso
3) Israel	Shekel
4) Ukraine	Hryvnia
5) Mexico	Dollar

145) Who was honored with the Itihas Ratna by the Asiatic society ,Bihar in December 2013?
1) Ramchandra Guha 2) Romila Thapar
3) Mridula Mukherjee 4) Bipan Chandra
5) None of these

146) Shakira is a pop singer who belongs to ?
1) USA 2) UK 3) Brazil 4) Colombia 5) Mexico

147) Identify the mismatched pair ?

BOOK	AUTHOR
1) A Haunted house	Virginia woolf
2) Godfather	Mario Puzo
3) Crime and Punishment	Fyodor Dostoyevsky
4) Paradise Regained	John Milton
5) The Waste land	Ernest Hemingway

148) As per the order of RBI ,the existing No-frill account may be treated as.....
1) Basic savings bank deposit account (BSBDA)
2) Basic savings book Deposit Amount (BSBDA)
3) Basic saving bank deposit amount (BSBDA)
4) Basic savings bank deposit account (BSBDA)
5) None

149) In Which Monetary policy review, the introduction of BSBDA proposed by RBI ?
1) Monetary Policy Statement for the year 2013-14
2) Monetary Policy Statement for the year 2011-12
3) Monetary Policy Statement for the year 2009-10
4) Monetary Policy Statement for the year 2012-13
5) Monetary Policy Statement for the year 2014-15

150) One individual can have how many BSBDA accounts in one bank as per the order of RBI?
1) Three 2) Two 3) Four 4) Five 5) One

151) The Basic savings bank deposit account (BSBDA) scheme of RBI to be opened in which of the following banks?
1) Public sector banks
2) Private sector banks
3) Foreign banks operating in India
4) Foreign banks operating in foreign countries
5) 1 & 2 & 3 only

152) Whether the account holder can open another savings account or permitted to continue his old savings account, after opening of BSBDA?
1) Yes it is the right of customer
2) Yes, if he takes special permission from Government of India
3) No, he should close the other existing savings accounts and he is not permitted to open new savings accounts
4)Yes,provided he pay penalty of Rs.1lakh to bank 5) None of these

153) The balance to be maintained by the customer in the BSBDA is?
1) Rs.1000 2) Rs.500 3) Rs.250 4) Rs.50
5) No. minimum balance required

154) To open the BSBDA, the initial deposit to open the account must be
1) Rs.100 2) Rs.10 3) Rs. 1000 4) Rs.5000
5) No initial deposit needed

155) The facility not available in the BSBDA is
1) deposit amount
2) Withdrawing of cash
3) Using ATM/ Debit card
4) Taking account statement
5) All above facilities available

156) As per the order of RBI, the total credits in the BSBDA should not exceed ……(in lakhs)
1) 1 Lakh per year 2) 5 Lakh per year
3) 10 Lakh per year 4) 8 Lakh per year
5) 2 Lakh per year

157) Maximum balance in the BSBDA…..at any time?
1) Should not exceed Rs. l Lakh
2) Should not exceed Rs. 2 Lakh
3) Should not exceed Rs. 50,000
4) Should not exceed Rs. 10,000
5) Should not exceed Rs. 3 Lakh

158) In the BSBDA account,the total of deposit by way of cash withdrawals and transfers will not exceed Rs. 10,000……
1) In a year 2) In a quarter
3) in the two months 4) In a month
5) In the 6 months

159) Reserve Bank allowed urban cooperative banks(UCBs) with total deposits of over….to graduate to scheduled bank category
1) Rs.1750 crore 2) Rs.150 crore
3) Rs.750 crore 4) Rs.500 crore 5) None

160) On 6 April 2014,SBI selling off its non-performing assets (NPA) of around Rs.3500-4000 crore for the financial year2013-14 to ARC,Arc stands for…….
1) Asset Rebuild companies
2) Account Reconstruction companies
3) Asset Roll companies
4) Arbitrage Reconstruction companies
5) Asset Reconstruction companies

MARKETING/COMPUTERS

161. Elements of Decision Making is/are
1. Participation of Employees
2. Time of Decision Making
3. Continuity
4. 1, 2 and 3
5. None of these

162. Tick the approriate decision taken by Managers/Officers of a firm time to time:
1. Policy Decisions 2. Organisational Decisions
2. Routine Decisions 4. All of the above
5. None of these

163. Income of the consumer, Age of the consumer, Education of the consumer, Religion of the consumer are the basis of-consumer market
1. Segmenting 2. Programme
3. Substantiality 4. Marketing
5. None of these

164. Classiffication of buying motives was done by-
1. Melvin S. Hattwic 2. William Fedrick
3. Philip kotler 4. Prof. Nayar
5. None of these

165. —capital and—capital are managed under the Management of Marketing Finance.
1. Fixed 2. Working
3. 1 and 2 4. Not reducing
5. None of these

166. "Product is a cluster of psychological satisfaction" was said by:
1. George Fisk 2. Philip Kotler
3. William Fredrick 4. John Marshal
5. None of these

167. Quality improvement strategy, style improvement strategy are the part of—
1. Product Modification Strategies
2. Producer's strategy 3. Marketing strategy
4. Quantity strategy 5. None of these

168. Who said in the context of Rural marketing "if Rural people starts buying merely 10% industrial foods, then this industry will get five crore new customers.
1. Dr. Manmohan Singh 2. Sh. J.R.D. Tata
3. Philip Kotler 4. John Marshal
5. None of these

169. What was the time period of the first stage of development of marketing development was—
1. 1800 to 1890 2. 1900 to 1930
3. 1998 to 1999 4. 2000 to 2001
5. None of these

170. Time period of the second of Marketing management development was—
1. 1900 to 1930 2. 1901 to 1910
3. 1930 to 1950 4. 2000 to 2004
5. None of these

171. The period of third stage of development of Marketing management was—
1. 1930 to 1950 2. 1950 to 1990
3. 1950 to till now 4. 1900 to 1980
5. None of these

172. Which year is being treated as the beginning year of Marketing management development?
1. 1910 2. 1920 3. 1937 4. 1970
5. None of these

173. "Middlemen are nothing but social parasites and the sooner they are eliminated the better for society". This statement is related with:
1. Advantages of Middlemen
2. Disadvantage caused to consumers due to middlemen
3. Disadvantages caused to Producers
4. Disadvantages caused to Government Regulations
5. None of these

174. Under Basic Marketting:
1. The salesperson simply sells the product
2. They answer the querstions related to products
3. Marketing Research
4. 1, 2 and 3
5. None of these

175. Factors affecting product mix:
1. Changes in Market demand
2. Production capacity
3. Marketing capacity
4. All of the above
5. None of these

176. Main objective of any business activity is:

1. To increase marketing capcity
2. To maximise profits
3. To increase production capacity
4. All of the above
5. None of these

177. A Brand receives such legal protection under the law after it fulfills certain conditions:

1. It is not similar to any existing trade mark
2. It does not hurt the religious sentiments or feelings of any individual/organisation
3. It is not likely to desire or cause confusion
4. All of the above
5. None of these

178. A brand which is owned by a manufacturer and registered under his name is called—

1. Trade Mark
2. Manufacturer's Brand
3. Mixed Brand
4. Brand
5. None of these

179. A Brand which is owned by a distributor and registered in his name is called:

1. Trade Mark
2. Manufacturer Brand
3. Distributor's Brand
4. Brand
5. None of these

180. A brand of company which is used by manufacturer as well as distribitor is called—

1. Manufacturer's Brand
2. Distributor's Brand
3. Mixed Brand
4. Trade Mark
5. None of these

181. How many kilobytese make a megabyte?

1. 128
2. 1024
3. 256
4. 512
5. 64

182. In order to delete a sentence from a document you would use———

1. highlight and copy
2. cut and paste
3. scanning it
4. highlight and delete
5. select and paste

183. Editing a document that has been created means

1. saving it
2. printing it
3. scanning it
4. correcting it
5. None of these

184. In a computer, how many bits does a nibble signify?

1. 4
2. 8
3. 16
4. 32
5. 64

185. Which of the following is not true about the computer?

1. Translate instruction of a high level language into machine language
2. Translate entire source program into machine language program
3. It is involved in program's execution
4. Is a translating program
5. Is useful to run program

186. Keyboard, scanner and microphones are examples of ———

1. software programs
2. input devices
3. output devices
4. utilities
5. None of these

187. In excel, the contents of the active cell are displayed in the ———

1. footer cell
2. tool bar
3. task bar
4. menu bar
5. formula bar

188. When machine instructions are being executed by a computer, the instruction phase followed by the execution phase is referred to as ———

1. program cycle
2. machine instruction
3. execution cycle
4. task cycle
5. machine cycle

189. In windows ME what does ME stand for?

1. Millennium
2. Micro-Expert
3. Macro-Expert
4. Multi-Expert
5. My-Expert

190. Which of the following refers to the fastest, biggest and most expensive computer?

1. Notebooks
2. Personal computers
3. Laptop
4. Supercomputer
5. PDA's

191. Which is not a basic function of a computer?

1. Accept and Process data
2. Accept input
3. Process data
4. Store data
5. Scan text

192. Which of the following in/s not a term pertaining to Email?

1. PowerPoint
2. inbox
3. sender
4. receiver
5. None of these

193. Peripheral devices such as printers and monitor are considered to be ———

1. data
2. software
3. hardware
4. information
5. None of these

194. Which of the following is required to create and HTML documents?

1. browser
2. internet
3. text editor
4. search engine
5. None of these

195. Which language is directly understood by the computer without translation program?

1. BASIC language
2. Assembly language
3. High level language
4. C language
5. Machine language

196. To insert a page break in a WORD document, the following options are used ———

1. Insert and copy
2. Insert and Enter
3. Insert and Delete
4. Insert and Page Layout
5. Insert and Break

197. Which of the following identifies a cell in Excel?

1. formula
2. name
3. label
4. address
5. None of these

198. This is the part of the computer system that one cannot touch

1. Hardware
2. Printer
3. Mouse
4. Scanner
5. Software

199. A computer's ROM is ———

1. ALU
2. computer software
3. operating system
4. computer hardware
5. CPU

200. While selecting multiple Worksheets in Excel, the following key must also be used when clicking the sheet tab

1. Shift
2. Alt
3. Ctrl
4. Insert
5. Esc

SRI KRISHNA VENI BANKINGCOCHING CENTRE KEY SHEET -15

1)2	2) 5	3) 1	4) 1	5) 3	6) 4	7)1	8)1	9) 5	10) 4
11) 2	12)4	13)1	14) 2	15)4	16) 4	17)3	18) 5	19)1	20) 3
21)3	22)4	23)5	24)2	25)2	26)3	27)4	28)3	29)5	30)1
31)1	32)4	33)4	34)2	35)3	36)2	37)3	38)4	39)1	40)1
41)4	42)2	43)3	44)1	45)4	46)5	47)2	48)2	49)1	50)5
51)5	52)5	53)5	54)1	55)5	56)1	57)3	58)2	59)2	60)5
61)4	62)4	63)4	64)1	65)3	66)5	67)1	68)2	69)5	70)2
71)1	72)5	73)3	74)5	75)4	76)3	77)2	78)1	79)2	80)3
81)2	82)2	83)3	84)3	85)3	86)4	87)5	88)4	89)5	90)4
91)5	92)5	93)2	94)5	95)2	96)5	97)1	98)3	99)4	100)5
101)2	102)4	103)1	104)2	105)2	106)2	107)3	108)5	109)1	110)1
111)5	112)2	113)2	114)4	115)4	116)4	117)5	118)3	119)1	120)5
121) 3	122) 4	123)1	124)5	125)1	126)2	127)1	128)3	129)5	130)2
131)3	132)1	133)3	134)2	135)2	136)4	137)3	138)5	139)1	140)3
141)4	142)5	143)4	144)5	145)4	146)4	147)5	148)1	149)4	150)5
151)5	152)3	153)5	154)5	155)5	156)1	157)3	158)4	159)3	160)5
161) 4	162)4	163)1	164)1	165)3	166)1	167)1	168)2	169)2	170)3
171)3	172)1	173)2	174)1	175)4	176)2	177)4	178)2	179)3	180)3
181)2	182)4	183)4	184)1	185)5	186)2	187)5	188)5	189)1	190)4
191)5	192)1	193)3	194)3	195)5	196)5	197)2	198)5	199)4	200)3

SOLUTIONS

1. **(2)** Here B ⇒ 5, E ⇒ %, A ⇒ *, M ⇒ K,
C ⇒ $, O ⇒ 7, M ⇒ K, E ⇒ %
∴ BOMB ⇒ 57K5

2. **(5)** Here specific letters are; E, M, A and L. Word formed with these letters are as follows.
1. LAME 2. MALE 3. MEAL
Since, no. of words formed by the given letters is more than two our answer is choice 5.

3. **(1)** Choice (1) is Prime number

4. **(1)** They are synonymous.

5. **(3)** Except bat others are birds whereas bat is a mammal.

7. **(1)** Lack of first one causes second one.
Hence, CONTROVERSY will be written as SUOPDNXRQDU

11. **(2)** Here the given numbers are:
517 325 639 841 792
After reversing, the numbers become as follows:
715 523 936 148 297
When arranged in descending order the numbers become as follows:
936 715 523 297 148
Now, the third number from top is 523. Hence, the last digit of 523 is 3.

12. **(4)** After interchanging the first and the second digits, numbers become as follows:
157 235 369 481 972
When arranged in descending order the numbers become as follows:
972 481 369 235 157
Here, the second lowest number is 235.
Hence, middle digit of 235 is 3.

13. **(1)** If the positions of only the second and the third digits within each number are interchanged, the numbers become as follows:
571 352 693 814 729
Now, when the numbers are arranged in descending order, we get
814 729 693 571 352
Here, 729 is the second highest number.
Hence, the first digit of 792 is 7.

15. **(4)** We have been given that Q travels towards East and M travels towards North.
Now, T travels towards right of Q implies that T travels towards South. Hence, S travels towards North (because S and T travel in opposite directions). Therefore, it is definitely true that M and S travel in the same direction ie North.

(16–18):
pit na sa ⇒ you are welcome ..... (i)
na ho pa la ⇒ they are very good ..... (ii)
ke da la ⇒ who is good ..... (iii)
od ho pit la ⇒ they welcome good people .... (iv)
code for
a. 'good' is la [from (ii), (iii) and (iv).
b. 'they' is ho [from (ii), (iv) and (a)].
c. 'welcome' is pit [from (i) and (iv)].
d. 'people' is od [by elimination in (iv)]
e. 'are' is na [from (i) and (ii)].
f. 'very' is pa [by elimination in (ii)].

16. **(4)** 17. **(3)** 18. **(5)**

21. **(3)** M = K ..... (i); D ≤ K .... (ii)
R < K .... (iii)
From (i) and (ii),
M = K ≥ D ⇒ M ≥ D
Hence, either M > D (conclusion II) or M = D (conclusion I) is true

22. **(4)** F ≤ M ..... (i), M > R ... (ii), E ≥ F .... (iii) From (i) and (iii), no specific relation can be obtai ned between M and E. Similarly, no specific relation can be obtained between R and E.

23. **(5)** H = K ..... (i), T < H ..... (ii);
W ≤ T ..... (iii)

From (i), (ii) and (iii), we get

$K = H > T \geq W \Rightarrow K > W$ (conclusion I) and $T < K$ (conclusion II).

24. **(2)** $N > A$ ..... (i); $A < L$ ..... (ii); $F = N$ ..... (iii) From (i) and (iii); we get

$F = N > A \Rightarrow F > A$ (conclusion II). But no specific relation can be obtained between L and F. Hence, conclusion I is not necessarily true.

25. **(2)** $B \leq D$ ..... (i); $D = M$ .... (ii);

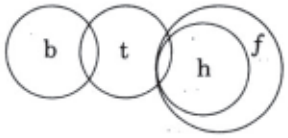
$F > M$ ..... (iii)

From (i), (ii) and (iii), we get

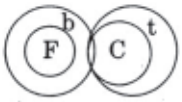
$F > M = D \geq B \Rightarrow B \leq M$ and $F > B$ (conclusion II).

Since $B \leq M$, therefore conclusion I is not necessarily true.

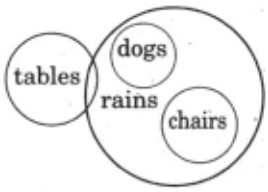
26. **(3)**



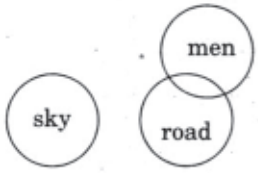
27. **(4)**



29. **(5)**



30. **(1)**



31. **(1)** 5th to the right

AZ BY CX DW EV FU GT H SIRJQKP

32. **(4)** TRANSFER

33. **(4)**

34. **(2)** Option (1) : $7 \times 11 = 77$

Options (2) : $29 \times 9 = 261$

Options (3) : $13 \times 17 = 221$

Options (4) : $7 \times 19 = 133$

Options (5) : $7 \times 13 = 91$

Except (2) all are multiples are prime numbers.

35. **(3)**

36. **(2)** DESGRT

↓↓↓↓↓↓

35%9#@

37. **(3)** NERSPU

↓↓↓↓↓–

©5#%6– (rule i)

38. **(4)** XNTPGA

↓↓↓↓↓↓

7©@69 (rule i)

39. **(1)** ESVNTU

↓↓↓↓↓↓

$%1©@$ (rule ii)

40. **(1)** UXPTGN

↓↓↓↓↓↓

©76@9β (rule iii)

41. **(4)** $? = \frac{11}{4} \times \frac{106}{7} \times \frac{49}{11} = \frac{371}{2} = 185.5$

42. **(2)** $? = 100 + 100 = 200$

43. **(3)** $65\% \times ? = 20\% \times 422.50$

$\Rightarrow ? = \frac{20 \times 422.50}{65} = 130$

44. **(1)** $\sqrt{53824} = 232$

45. **(4)** $10^? = \frac{10^7 \times 10^2}{10^4}$

$\Rightarrow 10? = 10^{7+2-4}$

$[\because a^m \times a^n = a^{m+n},\ a^m \div a^n = a^{m-n}]$

$\Rightarrow 10^? = 10^5$

$\Rightarrow ? = 5$

46. **(5)** $? = \frac{3}{5} \times \frac{4}{7} \times \frac{5}{9} \times \frac{21}{24} \times 504 = 84$

47. **(2)** $? = 0.002 \times 0.5 = 0.001$

48. **(2)** $? = 1 + \frac{3}{4} + 5 + \frac{1}{3} + 3 + \frac{2}{5}$

$= 9 + \left(\frac{3}{4} + \frac{1}{3} + \frac{2}{5}\right)$

$= 9 + \left(\frac{45 + 20 + 24}{60}\right) = 9 + \frac{89}{60}$

$= 9 + 1\frac{29}{60} = 10\frac{29}{60}$

49. **(1)** $? = \frac{1000^7}{10^{18}}$

$= \frac{(10^3)^7}{10^{18}} = \frac{10^{21}}{10^{18}} = (10)^{21-18} = 10^3 = 1000$

50. **(5)** $? = \frac{1000}{50 \times 5} = 4$

51. **(5)** There are 7 letters in the word BANKING, including 2 vowels (A,I) and 5 consonants (B,N,K,N,G). Considering two vowels as one letter, we have 6 letters in which 'N' comes twice. Therefore, these 6 letters can be arranged in $\frac{6!}{2!}$ ways. But corresponding to each way of these arrangements the vowels. A,I can be put together in 2! ways. Hence required

number of words = $\frac{6!}{2!} \times 2! = 6!$

$= 6 \times 5 \times 4 \times 3 \times 2 \times 1 = 720$

52. **(5)** The number of ways in which 5 boys can sit on 8 chairs is same as the number of arrangements of 8 things, taking 5 at a time. Hence, the

required number = ${}^8P_5 = \frac{8!}{(8-5)!} = \frac{8!}{3!}$

$= \frac{8 \times 7 \times 6 \times 5 \times 4 \times 3!}{3!} = 6720$

53. **(5)** Let the present age of Ram of x years.

$\therefore$ Age of Srikant = $(x-4)$ years

$\Rightarrow \frac{x-4}{x} = \frac{7}{9}$

$\Rightarrow 9x - 36 = 7x$

$\Rightarrow 2x = 36$

$\therefore x = \frac{36}{2} = 18$

$\therefore$ Age of Srikant = $x - 4 = 18 - 4 = 14$ years

54. **(1)** Let the principal be Rs. x

$\therefore$ Amount = Rs. $2x$

Interest = Rs. $(2x - x)$ = Rs. x

S.I. = $\frac{\text{Principal} \times \text{Time} \times \text{Rate}}{100}$

$\Rightarrow x = \frac{x \times 5 \times \text{Rate}}{100}$

$\therefore$ Rate = $\frac{100}{5} = 20\%$

55. **(5)** Distance covered in 1st half an hour

$= \frac{50}{2} = 25$ km

Distance covered in 2nd half an hour

$= \frac{60}{2} = 30$ km. and so on

$\therefore$ Distance covered in 3 hours

$= 25 + 30 + 35 + 40 + 45 + 50 = 225$ km

56. **(1)** $\frac{5}{8} = 0.625$, $\frac{5}{7} = 0.714$

$\frac{3}{4} 0.75$, $\frac{6}{7} = 0.857$

$\frac{7}{8} = 0.875$

Clearly, $0.625 < 0.714 < 0.75 < 0.857 < 0.875$

$\therefore \frac{5}{8} < \frac{5}{7} < \frac{3}{4} < \frac{6}{7} < \frac{7}{8}$

57. **(3)** Let the number be x

$\therefore x - \frac{2x}{5} = 441$

$\Rightarrow \frac{5x - 2x}{5} = 441$

$\Rightarrow 3x = 441 \times 5$

$\therefore x = \frac{441 \times 5}{3} = 735$

Now, 18% of 735

$= \frac{18 \times 735}{100} = 132.30$

58. **(2)** S.I. = $\frac{1000 \times 10 \times 4}{100}$ = Rs. 400

C.I. = $1000 \left[\left(1 + \frac{10}{100}\right)^4 - 1\right]$

$\left[\because C.I. = P\left[\left(1 + \frac{r}{100}\right)^n - 1\right]\right]$

$= 1000 \left[\left(\frac{11}{10}\right)^4 - 1\right]$

$= 1000 \times \left(\frac{14641 - 10000}{10000}\right)$

$= \frac{1000 \times 4641}{10000}$ = Rs. 464.10

$\therefore$ difference = Rs. (464.10 – 400) = Rs. 64.10

59. (2) $\because$ 10 women can complete the work in 7 days

$\therefore$ 70 women can complete the work in 1 day

Again,

$\because$ 10 children can complete the work in 14 days

$\therefore$ 140 children can complete the work in 1 day

$\therefore$ 70 women = 140 children

$\therefore$ 1 woman = 2 children

$\therefore$ 5 women + 10 children

= (10+10) children = 20 children

Now, 140 children can complete the work in 1 day

$\therefore$ 20 children can complete in $\frac{140}{20} = 7$ days

60 **(5)** When a train crosses a pole, it covers a distance equal to its own length

$\therefore$ Length of train = $60 \times \frac{5}{18} \times 9 = 150$ metres

61. **(4)** Let the two digit number be $10y + x$

$\therefore$ New number = $10x + y$

$10y + x - 10x - y = 63$

$\Rightarrow 9y - 9x = 63$

$\Rightarrow y - x = 7$

Here, following numbers are possible which satisfy the above equality

70, 7, 92, 29, 81, 18 and $70 - 7 = 63$, $92 - 29 = 63$, $81 - 18 = 63$

Hence, at least three samller numbers are possible

62. **(4)** Let the marked price be Rs. x

$\therefore$ Selling Price = $\frac{90}{100} \times x$ = Rs. $0.9x$

Profit = Rs. 70

$\therefore$ Cost price = Rs. $(0.9x - 70)$

So, x is to be known

63. **(4)** The difference in fixed and floating rates was more than 0.5 in the following year.

1996, 1997, 2000, 2002, i.e, 4 years

64. **(1)** Average of fixed rates

$$= \frac{16+16+15.5+15+14+12.5+11+10.5}{8} = \frac{110.5}{8}$$

Average of floating rates

$$= \frac{15+15+15+14.5+12.5+12+10+10}{8}$$

$$= \frac{104}{8}$$

$\therefore$ difference

$$\frac{110.5 - 104}{8} = 0.8125$$

Or

which of difference of fixed and floating rate

Required average

$$= \frac{1+1+0.5+0.5+1.5+0.5+1+0.5}{8} = \frac{6.5}{8} = 0.8125$$

65. **(3)** Statement (3) is not true. For the years, 1996, 1997 the fixed rate remained same.

66. **(5)** The difference in the fixed and floating rates was maximum in the year 2000.

67. **(1)** Percentage decrease in fixed rate :

In 1998 = $\frac{(16-15.5)}{16} \times 100$

$= \frac{50}{16} = \frac{25}{8} = 3\frac{1}{8} = 3.125$

In 1999 = $\frac{(15.5-15)}{15.5} \times 100 = 3.226$

In 2000 = $\frac{(15-14)}{15} \times 100 = \frac{20}{3} = 6.67$

In 2001 = $\frac{(14-12.5)}{14} \times 100$

$= \frac{150}{14} = \frac{75}{4} = 10.714$

In 2002 = $\frac{(12.5-11)}{12.5} \times 100 = \frac{150}{12.5} = 12$

In 2003 = $\frac{(11-10.5)}{11} \times 100 = \frac{50}{11} = 4.55$

Obviously, it was maximum in the year 2002

68. (2) 140 147 138 **149** 136 151 134

+7 −9 +11 −13 +15 −17

149 will come in place of the question mark

69. **(5)** 18 + 19 = 37

37 + 19 = 56

56 + 37 = 93

93 + 56 = **149**

70. **(2)** $2 \times 4 = 8$

$8 \times 4 = 32$

$32 \times 8 =$ **256**

$256 \times 32 = 8192$

256 will come in place of the question mark

71. **(1)** 5 10 40 240 1920 19200

×2 ×4 ×6 ×8 ×10

240 will come in place of the question mark

72. **(5)** $1^2 = 1$

$2^2 = 4$

$3^2 =$ **9**

$4^2 = 16$

$5^2 = 25$

$6^2 = 36$

9 will come in place of the question mark

60 **(5)** When a train crosses a pole, it covers a distance equal to its own length

$\therefore$ Length of train = $60 \times \frac{5}{18} \times 9 = 150$ metres

61. **(4)** Let the two digit number be $10y + x$

$\therefore$ New number = $10x + y$

$10y + x - 10x - y = 63$

$\Rightarrow 9y - 9x = 63$

$\Rightarrow y - x = 7$

Here, following numbers are possible which satisfy the above equality

70, 7, 92, 29, 81, 18 and $70 - 7 = 63$, $92 - 29 = 63$, $81 - 18 = 63$

Hence, at least three samller numbers are possible

62. **(4)** Let the marked price be Rs. x

$\therefore$ Selling Price = $\frac{90}{100} \times x$ = Rs. $0.9x$

Profit = Rs. 70

$\therefore$ Cost price = Rs. $(0.9x - 70)$

So, x is to be known

63. **(4)** The difference in fixed and floating rates was more than 0.5 in the following year.

1996, 1997, 2000, 2002, i.e, 4 years

64. **(1)** Average of fixed rates

$$= \frac{16+16+15.5+15+14+12.5+11+10.5}{8} = \frac{110.5}{8}$$

Average of floating rates

$$= \frac{15+15+15+14.5+12.5+12+10+10}{8}$$

$$= \frac{104}{8}$$

$\therefore$ difference

$$\frac{110.5 - 104}{8} = 0.8125$$

Or

which of difference of fixed and floating rate

Required average

$$= \frac{1+1+0.5+0.5+1.5+0.5+1+0.5}{8} = \frac{6.5}{8} = 0.8125$$

65. **(3)** Statement (3) is not true. For the years, 1996, 1997 the fixed rate remained same.

66. **(5)** The difference in the fixed and floating rates was maximum in the year 2000.

67. **(1)** Percentage decrease in fixed rate :

In 1998 = $\frac{(16-15.5)}{16} \times 100$

$= \frac{50}{16} = \frac{25}{8} = 3\frac{1}{8} = 3.125$

In 1999 = $\frac{(15.5-15)}{15.5} \times 100 = 3.226$

In 2000 = $\frac{(15-14)}{15} \times 100 = \frac{20}{3} = 6.67$

In 2001 = $\frac{(14-12.5)}{14} \times 100$

$= \frac{150}{14} = \frac{75}{4} = 10.714$

In 2002 = $\frac{(12.5-11)}{12.5} \times 100 = \frac{150}{12.5} = 12$

In 2003 = $\frac{(11-10.5)}{11} \times 100 = \frac{50}{11} = 4.55$

Obviously, it was maximum in the year 2002

68. **(2)** 140 147 138 **149** 136 151 134

+7 −9 +11 −13 +15 −17

149 will come in place of the question mark

69. **(5)** $18 + 19 = 37$

$37 + 19 = 56$

$56 + 37 = 93$

$93 + 56 =$ **149**

70. **(2)** $2 \times 4 = 8$

$8 \times 4 = 32$

$32 \times 8 =$ **256**

$256 \times 32 = 8192$

256 will come in place of the question mark

71. **(1)** 5 10 40 240 1920 19200

×2 ×4 ×6 ×8 ×10

240 will come in place of the question mark

72. **(5)** $1^2 = 1$

$2^2 = 4$

$3^2 =$ **9**

$4^2 = 16$

$5^2 = 25$

$6^2 = 36$

9 will come in place of the question mark

73. **(3)** 15 32 67 138 **281** 568

×2+2 ×2+3 ×2+4 ×2+5 ×2+6

281 will come in place of the question mark

74. **(5)** If two trains be moving in opposite directions at rates u and v kmph respectively, then their relative speed = $(u+v)$ kmph.

Further, if their lengths be x and y kms, then time taken to cross each other = $\left(\frac{x+y}{u+v}\right)$ hours.

From statement I,

$$\frac{10}{60\times 60} = \frac{(210+300)\times \frac{1}{1000}}{u+v} \ldots(i)$$

Again if two trains be moving in the same direction with speeds u and v $(< u)$ kmph then their relative speed = $(u-v)$ kmph. Further, if the trains be of lengths x and y kms time taken by faster train to cross the slower train.

$$= \frac{x+y}{u-v} \text{ kms}$$

From statement II

$$= \frac{30}{60\times 60} = \frac{x+y}{u-v} \quad \ldots\ldots \text{(ii)}$$

Clearly, the data given in each of the statements are not sufficient independently. But when we take them together, the required speed can be had.

75. (4) Interest = $\frac{\text{Principal}\times\text{Time}\times\text{Rate}}{100}$

From statement I,

Interest = Rs. 4000

The data is not sufficient

From stateemnt II

Time = 4 years

The data is not sufficient.

Clearly, when we take both the data into consideration, Principal remains unknown. Hence, data in both statements are not sufficient to answer the question.

76. **(3)** Volume of the cube = $(\text{Edge})^3$

From statement I,

Area of each surface = 64

$\therefore$ Edge = $\sqrt{64}$ = 8 metres

$\therefore$ Volume = $(8)^3$ = 512 cubic metres

From statement II,

Edge = 8 metres

$\therefore$ Volume = $(8)^3$ = 512 cubic metres

77. **(2)** Let the number be x

From statement I

40% of $x = \frac{2}{5} \times x$

It is true for every number

From statement II

20% of $x = \frac{30\times 40}{100}$

$\Rightarrow x = \frac{12\times 100}{20} = 60$

Hence, the data in statement II alone are sufficient to answer the question

78. **(1)** Let the two digit number be $10y+x$, where $y > x$

From statement I,

$y - x = 9$

It true for the number 90 only

From statement II,

$y + x = 9$

It is true for more than one number i.e. 27, 72, 81, 18 etc.

79. **(2)** From statement I,

Profit = Rs. 50

It will certainly not give the required answer

From statement II,

S.P. = Rs. 310

Profit = 70

$\therefore$ C.P. = Rs. (310 – 70) = Rs. 240

Hence, per cent profit can be determined

80. **(3)** Sum of angles of a triangle = 180°

From statement I,

If the third angle be x

$60 + 90 + x = 180°$

$\Rightarrow x = 30°$

Hence, the angles are 30°, 60°, 90°

From statement II,

2d angle = 30°

$\therefore$ Third angle = 180 – 120 = 60°