



# Bank Clerk Exam Orientation

## Model Questions

### Reasoning Ability

- In a certain code 'CENTRAL' is written as 'MFB-SKBQ'. How is CONCISE written in that code?  
1) MPBBDTH      2) MPBBHTD  
3) BMPBDTH      4) MPBDDTH  
5) None of these
- 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)144    2)169  
3)256    4)288    5)324
- Vinay started walking towards south. He took a right turn after walking 10 metres. He again took a left turn after walking 20 metres. Which direction is he facing now?  
1) South    2) North    3) West  
4) East    5) Cannot be determined
- How many such pairs of digits are there in the number 863975124 each of which has as many digits between them in the number as when they are arranged in ascending order (count both ways)?  
1)None    2) One      3) Two  
4) Three      5) More than three
- L is brother of P. P is sister of M. M is brother of N. How is N related to L?  
1) Brother    2) Sister    3) Brother or Sister  
4) Data inadequate    5) None of these
- How many such pairs of letters are there in the word 'PARAMETER' 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) More than three
- What will be next term in the following series?  
B C C E D G E I F  
1)G    2)K  
3)J    4)N    5) None of these
- 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) Oxygen    2) Nitrogen    3) Hydrogen  
4) Sulphur    5) Mercury
- In a class, Shiv's rank is 28th from top in Mathematics, whereas his rank is 30th from bottom in Physics. How many students are there in the class?  
1) 50    2) 40      3) 48  
4) Data inadequate    5) None of these
- Among five friends L, M, N, O and P, L is shorter than M but taller than P. N is the tallest. O is little shorter than M and little taller than L. Who is the shortest among them?  
1) O    2)L      3)P  
4) Cannot be determined    5) None of these

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

G T E B 8 K A 3 R D U N 9 7 I V Z 2 W  
5 H 4 F Y 7 P 6 M J

- How many such numbers are there in the above arrangement each of which is immediately preceded by a consonant and immediately followed by vowel?  
1) None      2) One      3) Two  
4) Three      5) More than three
- Which of the following is the eighth to the left of the seventeenth from the left end?  
1)3    2)D    3)R    4)U    5) None of these
- Which of the following is the sixth to right of the nineteenth from the right end?  
1)2    2)V    3)W    4)Z    5) None of these
- How many such consonants are there in the above arrangement, each of which is immediately preceded by a number and immediately followed by another consonant?  
1) None      2) One      3) Three  
4) Two      5) None of these
- Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?  
1) R U 3      2) Z W V      3)H F 5  
4) 8 A B      5) K 3 B

**Directions (Q. 16 -20):** Following questions are based on the five three-digit numbers given below.

518 725 849 387 634

- Which of the following is the middle digit of the second highest among these numbers?  
1)2    2)1    3)4    4)3    5)8
- Which of the following is the last digit of the middle number when they are arranged in ascending order?  
1)8    2)5    3)9    4)7    5)4
- If the position of the first and the third digits in each of these numbers are interchanged, which of the following will be the highest number among them?  
1) 518    2) 725    3) 849    4)387    5) 634
- If the positions of the first and second digits in each of these numbers are interchanged, which of the following will be the lowest number among them?  
1) 725    2) 518    3) 849    4)387    5) 634
- Which of the following represents the total of all the three digits of the lowest number among them?  
1)14    2)15    3)21    4)18    5)13

**Directions (Q. 21-25):** 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

**Given Answer 1)** If the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

**Given 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.

**Given Answer 3)** If the data either in statement I alone or in statement II alone are sufficient to answer the question.

**Given Answer 4)** If the data given in both the statements I and II together are not sufficient to answer the question.

**Given Answer 5)** If the data in both the statements I and II together are necessary to answer the question.

- How is A related to B?  
I. A's sister is married to C.  
II. C's brother is married to B's sister.
- Among P, Q, R, S and T, who is the youngest?  
I. R and T are younger than P.  
II. S is older than R but younger than T and Q.
- How many students are there in a class?  
I. In the class, Mukta ranks tenth from the top and twenty-third from bottom.  
II. Sweta is ten ranks above Sharma, who is eighteenth from the top.
- Village 'A' is in which direction with respect to village 'B'?  
I. Village 'M' is to the East of village 'A' and to the South of village 'B'  
II. Village 'D' is to the north of village 'A' and to west of village 'B'
- How many sons does 'Y' have?  
I. P's sister is M's wife.  
II. P is brother of Q, who is son of Y.

**Directions (Q. 26-30):** Study the following information carefully and answer the questions given below:

Eight persons A, B, C, D, E, F, G and H are sitting around a rectangular table in such a way that two persons sit on each of four sides of the table facing the centre. The persons sitting on opposite sides are exactly opposite each other.

D faces North and sits exactly opposite H. E is on the immediate left of H and faces the same side. A and G sit on the same side. G is exactly opposite B, who is on the immediate right of C. A is on the left of D.

- Who is sitting opposite A?  
1)G    2)D    3)E    4)C    5) None of these
- Who is next to E in clockwise direction?

- 1)G 2)B 3)F 4)A or F 5)None of these
28. Which of the following pairs of persons has both the persons sitting on the same side with the first persons sitting on the right of the second person?
- 1) DF 2) CB 3) FC  
4) AG 5) None of these
29. Who is sitting opposite E?
- 1) D 2) A 3) F  
4) A or D 5) None of these
30. Which of the following statements is definitely true?
- 1) A is facing North.  
2) E is sitting opposite F  
3) F is on the left of G.  
4) C is on the left of A.  
5) None of these

**Directions (Q. 31-35):** In each of the following questions, a group of letters is to be coded by number/ symbol codes numbered (1), (2), (3) and (4). The correct combination of codes is your answer. If none of the four combinations is correct, your answer is (5), ie None of these.

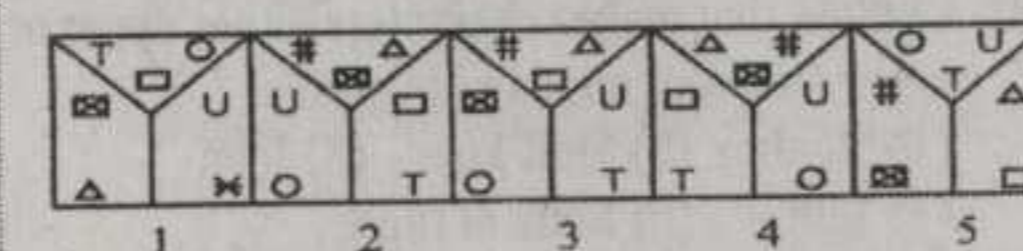
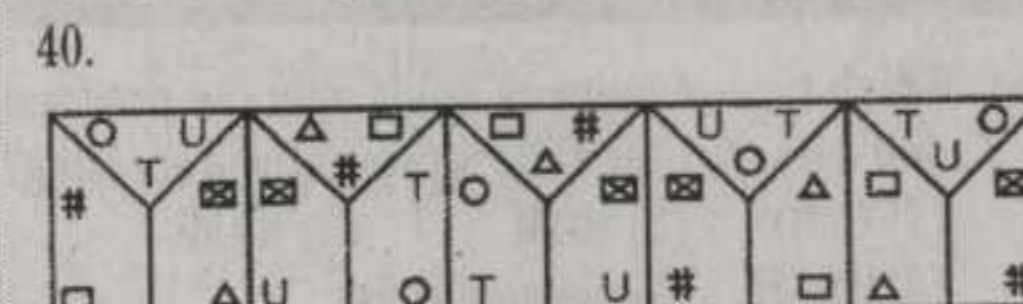
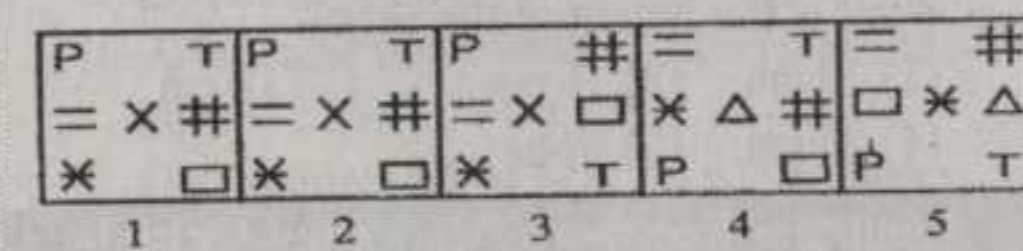
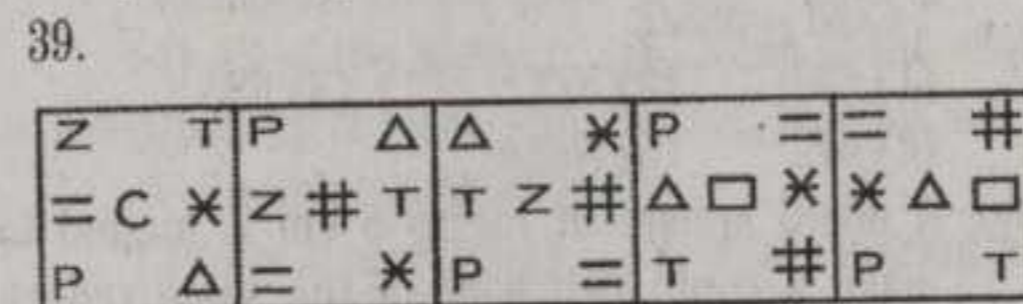
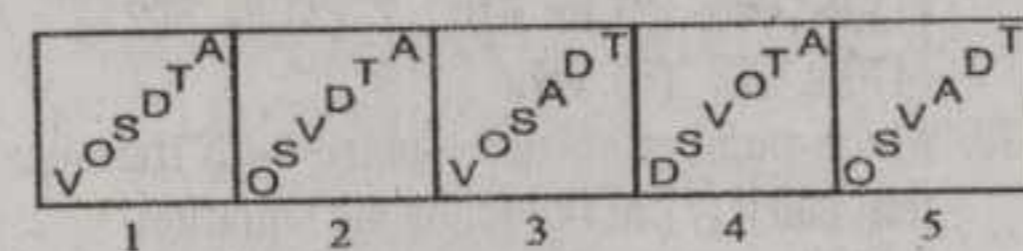
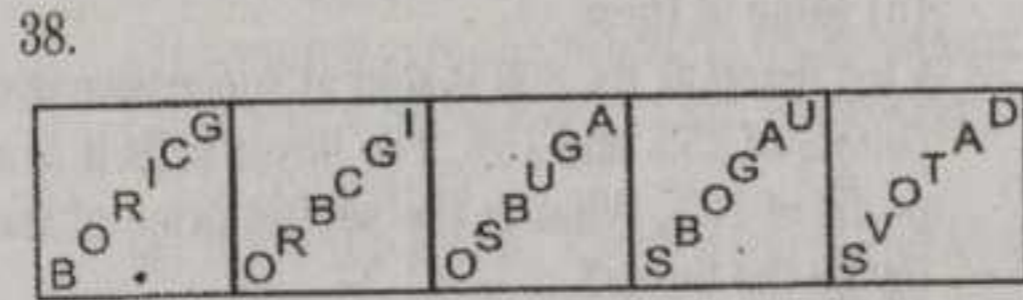
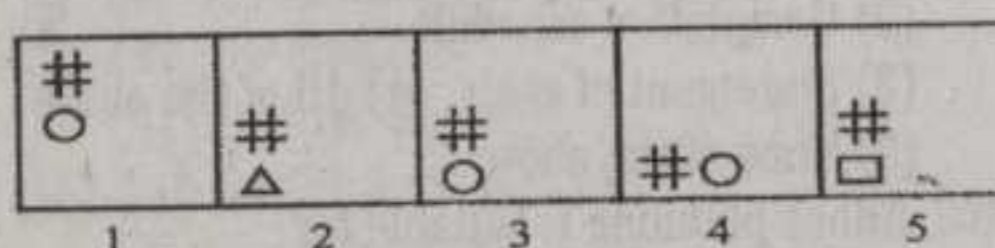
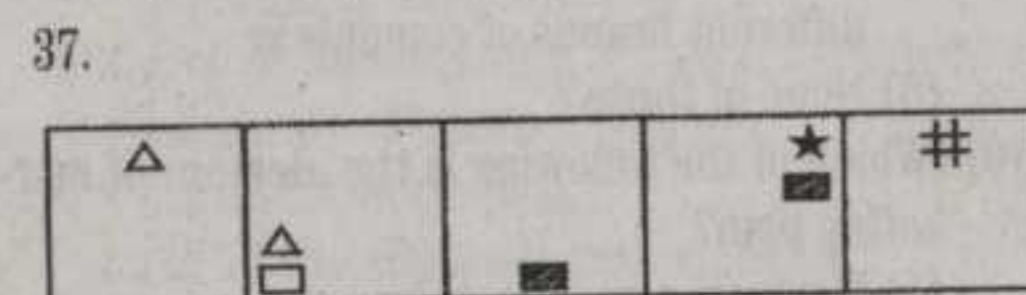
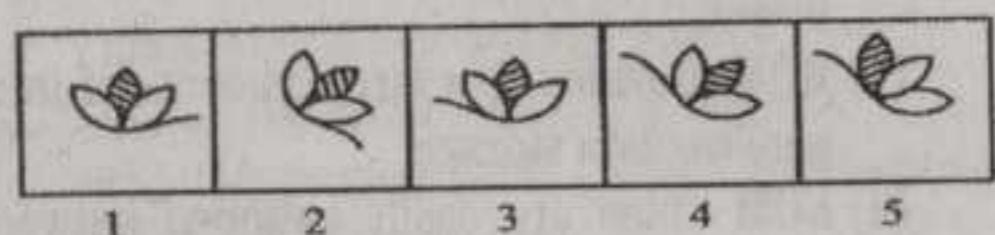
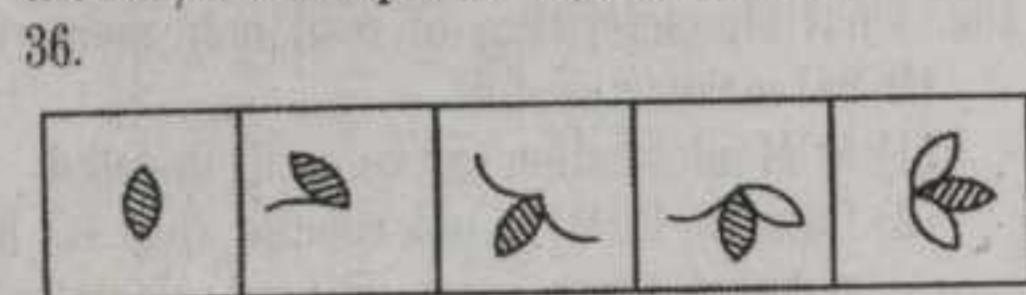
Letter: U E B P D A T K R F L H M  
Code: % 1 5 3 6 # 9 @ 7 8 \$ 4 2

**Conditions:**

- i) If the first letter is a vowel and the last letter is a consonant, both are to be coded as '0'.  
ii) If the first letter is a consonant and the last letter is vowel, both are to be coded as '©'.  
iii) If the first and the last letter are both vowels, they are to be coded as the code for first letter.

31. TEDURK  
1) @16%7@ 2) 916%7@ 3) 916%79  
4) @ 16 % 7 9 5) None of these
32. ADRTMP  
1) #67923 2) #6792# 3) 067920  
4) 067923 5) None of these
33. FHRAMU  
1) 847#2 8 2) %47#2 8 3) 84 7#2%  
4) ©47 #2© 5) None of these
34. ULTPHE  
1) %\$934% 2) 1\$9341 3) %\$9341  
4) 1\$934% 5) None of these
35. HKEDLB  
1) 5@16\$4 2) 4@16\$5 3) 4@16\$4  
4) 0@16\$5 5) None of these

**Directions (Q. 36-40):** In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued?



### Quantitative Aptitude

What will come in place of Question Mark (?) in the following questions?

41.  $36 \times 15 - 56 \times 784 \div 112 = ?$   
(1) 138 (2) 238 (3) 158  
(4) 258 (5) None of these
42.  $28.314 - 31.427 + 113.928 = ? + 29.114$   
(1) 81.711 (2) 80.701 (3) 71.711  
(4) 81.701 (5) None
43.  $2/3$  of  $1 \frac{2}{5}$  of  $75\%$   $540 = ?$   
(1) 378 (2) 756 (3) 252  
(4) 332 (5) None
44.  $(\sqrt{9})^3 \times (\sqrt{81})^5 \div (27)^2 = (3)^{(?)}$   
(1) 5 (2) 4 (3) 7  
(4) 6 (5) None
145.  $(2 \times 3)^3 \div (4 \times 9)^2 \times (27 \times 8)^2 = (6)^2$   
(1) 5 (2) 6 (3) 3  
(4) 8 (5) None

**Directions: (Q. 46-50):** What approximate value will come in place of question mark (?) in the following questions? (you are not expected to calculate the exact value)

46.  $1599 \times 199 \div 49 - 1398 + 3877 = ?$   
(1) 9400 (2) 9000 (3) 8700  
(4) 8400 (5) None
47.  $(14.99)^2 - (7.01)^2 + (4.99)^3 = ?$   
(1) 250 (2) 200 (3) 150  
(4) 300 (5) 350
48.  $7 \frac{1}{12} \times 6 \frac{7}{19} \div 9 \frac{1}{3} = ?$   
(1) 9 (2) 11 (3) 2  
(4) 5 (5) 13
49.  $21.7\%$  of  $514.9 - 43.44 = ?/5.5$   
(1) 320 (2) 335 (3) 475  
(4) 375 (5) None
50.  $4433.764 - 2211.993 - 1133.667 + 3377.442 = ?$   
(1) 4466 (2) 4377 (3) 3633  
(4) 4144 (5) None

**Directions: (Q. 51-55):** What will come in place of question Mark (?) in the following number

series?

51. 39, 52, 78, 117, 169, (?)  
(1) 246 (2) 182 (3) 234  
(4) 256 (5) None of these
52. 62, 87, 187, 412, 812, (?)  
(1) 1012 (2) 1437 (3) 1337  
(4) 1457 (5) None of these
53. 17, 289, 425, 493, 527, (?)  
(1) 534 (2) 542 (3) 544  
(4) 594 (5) None
54. 1, 3, 13, 61, 321, (?)  
(1) 1630 (2) 1962 (3) 1951  
(4) 2051 (5) None
55. 2, 5, 24, 61, 122, 213, (?)  
(1) 343 (2) 321 (3) 334  
(4) 340 (5) 345
56. What is the interest received on a principal of Rs. 5400/- for 3 yrs if the interest received on Rs. 1 after 4 years at the same rate of simple interest is Rs.0.20?  
(1) Rs. 900 (2) Rs. 810 (3) Rs. 750  
(4) Cannot be determined (5) None
57. A room has length 24m and breadth 18m. What will be the total cost if the floor is made at Rs. 175 per  $m^2$ ?  
(1) Rs. 75,600 (2) Rs. 77250  
(3) Rs. 80500 (4) Rs. 60750 (5) None
58. The cost of 10 chairs and 15 tables is Rs 18640/- . What is the cost of 14 chairs and 21 tables?  
(1) Rs 26096 (2) Rs 25996  
(3) Rs 23315 (4) Cannot be determined (5) None
59. In how many way a committee consisting of 5 men & 6 women can be formed from 8 men and 10 women?  
(1) 266 (2) 86400 (3) 11760  
(4) 5040 (5) None
60. In how many different ways can the letters of the word "BRIDE" be arranged?  
(1) 60 (2) 120 (3) 24  
(4) 80 (5) None
61. A sells a bike to B at a loss of 25% and B sells it to C at a profit of 10%. If C pays Rs. 33,000, what did it cost A?  
(1) Rs. 30,000 (2) Rs. 36000  
(3) Rs. 40000 (4) Rs. 42000 (5) None
62. In an election of two candidates, the candidate who gets 43% votes is rejected by a majority of 5600 votes. If there are no invalid votes, what is the total no. of votes polled?  
(1) 40,000 (2) 30,000 (3) 50,000  
(4) 60,000 (5) None
63. Simple interest on a certain sum at a certain rate is  $9/16$  of the sum. If the number representing rate percent and time in years be equal, then the time is \_\_\_\_?  
(1)  $5 \frac{1}{2}$  years (2)  $6 \frac{1}{2}$  years  
(3)  $6 \frac{1}{4}$  years (4)  $7 \frac{1}{2}$  years  
(5) None
64. A sum of money amounts to Rs. 10648 in 3 yrs and Rs. 9680 in 2 yrs. The rate of interest is  
(1) 5% (2) 10% (3) 15%  
(4) 20% (5) None
65. Two cyclists A and B start from the same place at the same time. One going towards north at 18km/hr. and other going towards south at 20 km/hr. What time will they take to be 95km apart?

- (1) 4 hrs. 30 min (2) 4 hrs. 45 min  
(3) 5 hrs. 16 min (4) 2 hrs. 30 min  
(5) None
66. A train overtakes two persons who are walking in the same direction in which the train is going at the rate of 2 Kmphs and 4 Kmphs and passes them completely in 9 and 10 seconds respectively. The length of the train is \_\_\_\_.
- (1) 75m (2) 54m (3) 50m  
(4) 45m (5) None
67. A boat moves upstream at the rate of 1 km in 10 min. and down-stream at the rate of 1 km in 6 min. The speed of the current is \_\_\_\_?
- (1) 1 km/hr (2) 1.5 km/hr (3) 2 km/hr  
(4) 2.5km/hr (5) None of these
68. A 175 meters long train crosses a 35 meters platform in 12 seconds. What is the speed of the train in km/hrs.
- (1) 42 (2) 64 (3) 63  
(4) 59 (5) None of these
69. If  $\frac{1}{2}$  of Sunit's salary is equal to  $\frac{2}{5}$  of Rajan's salary and their total salary is Rs. 36,000. Find Rajan's salary
- (1) Rs. 16,000 (2) Rs. 20,000  
(3) Rs. 22,000 (4) Rs. 14,000  
(5) None of these
70. The population of a town is 198000. It increases by 7% in the 1st year and decreases by 5% in the 2nd yr. What is the population of the town at the end of 2 yr.
- (1) 211860 (2) 201267 (3) 222453  
(4) 198900 (5) None of these
71.  $\sqrt{1296} \div \sqrt{36} = ?$
- (1) 1 (2) 36 (3) 6  
(4) 18 (5) None of these
72. The total area of a circle and a square is equal to 5450 sq. cm. The diameter of the circle is 70 cm. What is the sum of the circumference of the circle and the perimeter of the square.
- (1) 360 cm (2) 380 cm  
(3) 270 cm (4) Cannot be determined  
(5) None of these
73. Out of the three given numbers, the first number is twice the second & the third. If the aug. of the three numbers is 121, what is the difference between the first and the third number?
- (1) 132 (2) 99 (3) 77  
(4) 144 (5) None of these
74. There are 12 dozen mangoes in a box. If there are 43 such boxes how many mangoes are there in all the boxes together?
- (1) 516 (2) 3096 (3) 6192  
(4) 628 (5) None of these
75. A person subscribing to sky cable for a year pays 1785. If the monthly subscription is Rs. 175, how much discount does a yearly subscriber get?
- (1) 18% (2) 11% (3) 13%  
(4) 15% (5) None of these
76. If  $(12)^3$  is subtracted from the square of a number the answer so obtained is 976. What is the number?
- (1) 58 (2) 56 (3) 54  
(4) 52 (5) None of these
77. What is the compound interest accrued on an amount of Rs. 18,000 at the rate of 11 p.c.p.a at the end of 2 years?
- (1) Rs. 3960 (2) Rs. 4200  
(3) Rs. 4177.8 (4) Rs. 4167.8

- (5) None of these
78. A toy listed at Rs. 800 is sold at successive discounts of 25% and 15%. The buyer sells it at a profit of 20%. What is the selling price of the toy by the buyer?
- (1) Rs. 600 (2) Rs. 620 (3) Rs. 602  
(4) Rs. 612 (5) None
79. Which number should replace both the question mark (?) in the following equation?  
 $? / 768 = 588 / ?$
- (1) 692 (2) 572 (3) 682  
(4) 672 (5) None
80. A metal sphere of radius 5 cm is melted to make a cone with base of the same radius. What is the height of the cone?
- (1) 10 cm (2) 15 cm (3) 12 cm  
(4) 20 cm (5) None

### Computer Knowledge/Marketing Aptitude

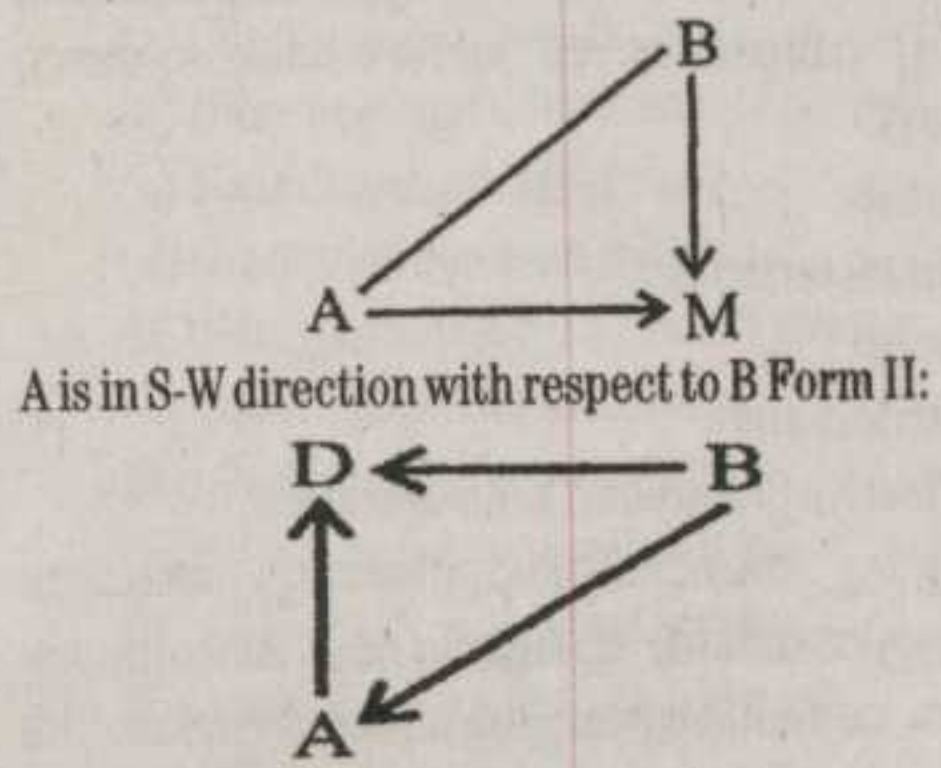
81. Which type of memory holds only the program and data that the CPU is presently processing?
- (1) CMOS (2) ROM (3) RAM  
(4) ASCII (5) None of these
82. A button that makes characters either upper or lower case and numbers to symbol?
- (1) Monitor (2) Shift keys (3) Icon  
(4) Mouse (5) None of these
83. Pick the odd one \_\_\_\_?
- (1) Mouse (2) Scanner (3) Printer  
(4) Keyboard (5) None of these
84. Programs designed specifically to address general purpose applications and special purpose applications are called \_\_\_\_?
- (1) Operating system (2) System Software  
(3) Application Software  
(4) Management Information System  
(5) None of these
85. The communication device that allows the computer to access a network is called a \_\_\_\_ card.
- (1) Modem (2) Video (3) Sound  
(4) Network (5) None of these
86. A screen list of options in a program that tells you what is in that program \_\_\_\_
- (1) Screen (2) Icon (3) Menu  
(4) backup (5) None of these
87. \_\_\_\_ is data that has been organized or presented in a meaningful fashion?
- (1) A process (2) Storage  
(3) Software (4) Information  
(5) None
88. A \_\_\_\_ contains buttons and menu's that provide quick access to commonly used commands
- (1) Menu bar (2) Tool bar  
(3) Window (4) Find (5) None of these
89. What menu is selected to print?
- (1) File (2) Tools (3) Special  
(4) Edit (5) None of these
90. A (n) \_\_\_\_ contains commands that can be selected.
- (1) Pointer (2) Menu (3) Icon  
(4) Button (5) None of these
91. Microcomputer hardware consists of three basic categories of physical equipment \_\_\_\_
- (1) Keyboard, Monitor, hard drive  
(2) System unit, input/output, memory  
(3) System unit, input/output, Secondary storage

- (4) System unit, primary storage, secondary storage  
(5) None of these
92. Periodically adding, changing and deleting file records is called file \_\_\_\_
- (1) Updating (2) Upgrading  
(3) restructuring (4) renewing  
(5) None of these
93. Bit is short for \_\_\_\_
- (1) binary system (2) digits byte  
(3) binary digit (4) binary unit  
(5) None of these
94. A computer cannot "boot" if it does not have the \_\_\_\_
- (1) Compiler (2) Loader  
(3) Operating system (4) Assembler  
(5) None of these
95. The ability of an Operating System to run more than one application at a time is called \_\_\_\_
- (1) Multi-tasking  
(2) Object-oriented programming  
(3) Multi-user Computing  
(4) Time - sharing  
(5) None of these
96. Which of the following statements best describes the batch method of input?
- (1) Data is processed as soon as it is input  
(2) Data is input at the time it is collected  
(3) Data is collected in the form of source documents placed into groups and the input to the computer  
(4) Source documents are not used  
(5) None of these
97. Coded entries which are used to gain access to a computer system are called \_\_\_\_.
- (1) Entry codes (2) Passwords  
(3) Security commands (4) Code words  
(5) None of these
98. The part of a computer that co-ordinates all its functions is called its \_\_\_\_
- (1) Rom program (2) System board  
(3) ALU (4) Control Unit  
(5) None of these
99. What is the name for the process, that used to convert a series of instructions, or program, written in a high-level language into instructions (or a program) that can be run on a computer?
- (1) Assembling (2) Compiling  
(3) Translating (4) Uploading  
(5) None of these
100. What characteristics of read only memory (ROM) makes it useful?
- (1) ROM information can be easily updated  
(2) Data in ROM is non-volatile that is, it remains there even without electrical power  
(3) ROM provides very large amounts of inexpensive data storage  
(4) ROM chips are easily swapped between different brands of computers  
(5) None of these
101. Which of the following is the element of marketing plan?
- (1) Marketing programme  
(2) Completion schedule  
(3) Statement of goals (4) All of the above  
(5) None of the above
102. Adhoc planning is suitable for

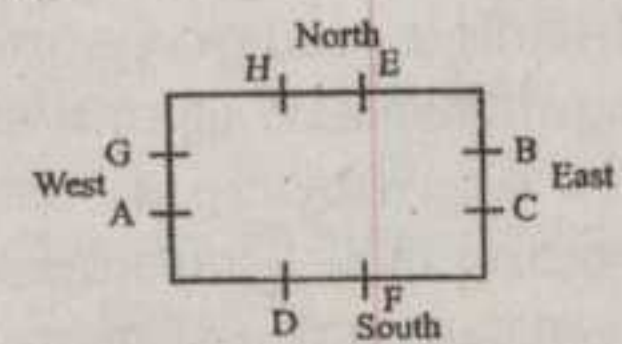
- (1) capital budgeting  
 (2) set up of a new firm  
 (3) market and plant development  
 (4) issuing shares  
 (5) renewal of a patent
103. Which of the following is not the type of market planning?  
 (1) Back wash planning  
 (2) Short range planning  
 (3) Adhoc planning  
 (4) Long range planning  
 (5) All of the above
104. Marketing planning is concerned with  
 (1) the identification of resources that are available and their allocation to meet specified objectives  
 (2) selling (3) financing  
 (4) managing (5) All of the above
105. Which of the following is the stage of marketing planning?  
 1) Analysis of problem  
 2) Setting the goal or objectives  
 3) Preparation of programmes  
 4) All of the above  
 5) None of the above
106. A marketing programme is  
 (1) a set of policy decisions on the level, allocation and mix of marketing efforts  
 (2) structure of production  
 (3) a plan of purchasing  
 (4) a plan of accounting  
 (5) None of the above
107. Market potential is based on  
 (1) future trading  
 (2) production and market planning  
 (3) award (4) profit  
 (5) All of the above
108. Which of the following factors affecting the size of sales territory?  
 (1) Policies and practices of the business  
 (2) Method of distribution  
 (3) Advertising (4) Sales promotion  
 (5) All of the above
109. Full form of EOQ is  
 (1) Economic on Quality  
 (2) Economic Order Quality  
 (3) Even on Quality  
 (4) Evolution on Quality  
 (5) All of the above
110. Which system may be involved in bank?  
 (1) Internal Check System  
 (2) Internal Control System  
 (3) Internal Audit System  
 (4) All of the above  
 (5) None of the above
111. One of the following is a target group for the marketing of educational loan  
 (1) all the customers (2) students  
 (3) only poor students (4) All of the above  
 (5) None of the above
112. One of the following is a target group for the marketing of internet banking  
 (1) all the customers  
 (2) all the educated customers  
 (3) all the computer educated customers  
 (4) only creditors  
 (5) All of the above
113. Delivery channel means  
 (1) maternity wards

- (2) handing over the products to the buyers  
 (3) places where products are made available to the buyers  
 (4) All of the above (5) None of the above
114. Transporting and sharing come under which category of marketing functions?  
 (1) Facilitating functions  
 (2) Physical distribution functions  
 (3) Financial functions  
 (4) All of the above (5) None of the above
115. Opening of maximum number of ATMs is a  
 (1) indirect marketing  
 (2) direct marketing (3) adhoc marketing  
 (4) All of the above (5) None of the above
116. After sales service adds to which of the following?  
 (1) Product utility (2) Extra sales  
 (3) Production (4) All of these  
 (5) None of these
117. Loan and advances of a bank come under which of the following category?  
 (1) Assets (2) Liabilities  
 (3) Costs (4) All of these  
 (5) None of these
118. Bulk breaking comes at which part of the marketing channel?  
 (1) Wholesaler (2) Distributor  
 (3) Retailer (4) All of these  
 (5) None of these
119. Which among the following media has most effective usual impact on a customer?  
 (1) Newspaper (2) TV  
 (3) Radio (4) All of these  
 (5) None of these
120. Which among the following is the smallest retailing unit?  
 (1) Departmental stores  
 (2) Speciality stores  
 (3) Convenience stores  
 (4) All of the above  
 (5) None of the above

11. 1, 12. 3, 13. 4, 14. 3; 3RD, 4FY, 6MJ, 15. 5  
 16. 1; Second highest number is 725.  
 17. 5; Middle number is 634.  
 18. 3; Highest number = 948.  
 19. 2; Look for the lowest second digit.  
 20. 4; lowest number = 387; 3+8+7 = 18  
 21. 5; I alone is not sufficient because it lacks information regarding B. II alone is not sufficient because it lacks information regarding A. Combining we get that there is no relationship.  
 22. 5; I Lacks information regarding Q and S. Hence I alone is not sufficient. II lacks information regarding P. Hence II alone is not sufficient. Now, from I and II, we get that R is the youngest.  
 23. 1; From I, total number of students in the class = 10 + 23 - 1 = 32  
 24. 3; From I:



A is in S-W direction with respect to B Form II:  
 A is in S-W direction with respect to B.



25. 4  
 (106-110):  
 26. 4 27. 2 28. 4 29. 3 30. 2  
 31. 2; No condition applies.  
 32. 3; Condition (i) applies.  
 33. 4; Condition (ii) applies.  
 34. 1; Condition (iii) applies.  
 35. 2; No condition applies.

36. 4; In alternate steps the whole figure rotates by 45° and 90° ACW while one arc is added alternately on ACW and CW sides.  
 37. 3; Fig 1 to 2: Given elements move one step in ACW direction and a new element is added next to it.  
 38. 3, 39. 1, 40. 3

QA				
41.5	42.4	43.1	44.3	45.1
46.2	47.4	48.4	49.4	50.1
51.3	52.2	53.3	54.3	55.4
56.2	57.1	58.1	59.3	60.2
61.3	62.1	63.4	64.2	65.4
66.2	67.3	68.3	69.2	70.2
71.3	72.2	73.5	74.3	75.4
76.4	77.3	78.4	79.4	80.4

Computer/Marketing				
81.3	82.2	83.3	84.3	85.4
86.3	87.4	88.1	89.1	90.2
91.2	92.1	93.3	94.2	95.1
96.3	97.2	98.4	99.3	100.2
101.4	102.5	103.1	104.1	105.4
106.1	107.1	108.5	109.2	110.4
111.2	112.3	113.3	114.2	115.2
116.1	117.1	118.3	119.2	120.3

## Answer Key

### Reasoning Ability

1. 1; 2. 4; All others are perfect squares. 3. 1;

Thus Vinay is facing south

4. 4;

8 6 3 9 7 5 1 2 4

5. 3, 6. 5;

P A R A M E T E R

7. 2;

+1 +1 +1 +1  
 B C C E D G E I F K  
 +2 +2 +2

8. 5; All others are non-metals. 9. 4  
 10. 3; M > L > P ..... (i) M > O > L ..... (ii) From (i) and (ii), N > M > O > L > P.