

**TEST I  
REASONING**

- How many such pairs of letter are three in the word SYSTEMATIC 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
- Each vowel in the word CONQUER is replaced by the previous letter in the English alphabet. Each constant is replaced by the next letter in the English alphabet. The letters so obtained are arranged alphabetically. Which of the following will be the fourth letter from the left end?  
(1) O (2) N  
(3) R (4) S  
(5) None of these
- How many meaningful English words can be made with the letters ELSO using each letter only once in each word?  
(1) None (2) One  
(3) Two (4) Three  
(5) More than three
- In a certain code GONE is written as '5@©9' and SEAL is written as '69%\*'. How is LOGS written in that code?  
(1) \*©5G (2) \*9©6  
(3) \*@65 (4) \*@56  
(5) None of these
- In a certain code COUNTRIES is written as 'OVPDRQDS'. How is CLEARING written in that code?  
(1) BFMDQHMF  
(2) BFMDHOJS  
(3) ZDKBQHMF  
(4) ZDKBHOJS  
(5) None of these
- The positions of how many digits in the number 5934162 will remain unchanged after the digits are arranged in descending order within the number?  
(1) None (2) One  
(3) Two (4) Three  
(5) More than three
- What should come next in the following number series?  
9 7 5 3 1 8 6 4 2 9 7 5 3 8 6 4 2  
(1) 2 (2) 9  
(3) 5 (4) 3  
(5) None of these

8. If 'Q' denoted 'X'; 'R' denotes '-'; 'T' denoted '÷' and 'W' denotes '+', then

—

$$20 R 12 T 4 Q 6 W 5 = ?$$

- (1) 17 (2) 107  
 (3) -3 (4) 7  
 (5) None of these
9. If 'red' means 'white', 'white' means 'yellow', 'yellow' means 'blue', 'blue' means 'violet' and 'violet' means 'red', then which of the following represents the colour of mustard flower?
- (1) yellow (2) red  
 (3) white (4) blue  
 (5) violet
10. Pointing to a boy, R said, "He is the son of my grandfather's only daughter". How is R related to boy?
- (1) Mother (2) Aunt  
 (3) Sister  
 (4) Data inadequate  
 (5) None of these

11-15. Each of the questions below consist 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 sufficient 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 given in both statements I & II together are not sufficient to answer the question.

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

11. Who among A, B, C, D and E is the tallest?

I. Each of A, B, C, D and E has a different height.

II. D is shorter than only A.

12. How is 'walk' written in a code language?

I. 'morning walk is good' is written as 'na pa ta sa' in that code language.

II. 'wish you good morning' is written as 'la na sa da' in that code language.

13. On which day of the week is Arun's birthday?

I. Arun's brother correctly remembers that Arun's birthday is after Wednesday but before

Sunday.

II. Arun's sister correctly remembers that Arun's birthday is before Friday.

14. How many daughters does Q have?

I. M and T are brothers of R.

II. R's mother T is wife of Q.

15. How far did Mohan walk from the starting point?

I. Mohan walked 20 metres towards West, took a right turn and walked 30 metres, again took a right turn and walked 20 metres.

II. Mohan walked 20 metres towards South, took a left turn and walked 30 metres, again took a left turn and walked 20 metres.

16-20. In each of the questions below are given four statements followed by three conclusions numbered I, II & III. You have to take the given statements to be true even if they seem to be at variance from 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.

16. Statements : Some villages are towns. Some towns are huts. All huts are rivers. Some rivers are tents.

Conclusions : I. Some tents are towns.

II. Some rivers are towns.

III. Some huts are villages.

(1) None follows

(2) Only I follows

(3) Only II follows

(4) Only III follows

(5) Only I and III follow

17. Statements : All hotels are buses. Some buses are cars. All cars are trams. Some trams are clouds.

Conclusions : I. Some trams are buses.

II. Some trams are hotels.

III. Some clouds are cars.

(1) None follows

(2) Only I follows

(3) Only II follows

(4) Only III follows

(5) Only I and III follow

18. Statements : All flowers are books. All books are carpets. Some carpets are keys. Some keys are locks.

Conclusions : I. Some keys are books.

II. Some keys are flowers.

- III. Some locks are books.
- (1) Only I follows  
 (2) Only II follows  
 (3) Only III follows  
 (4) Only I and II follows  
 (5) None of follows
19. Statements : All boxes are cups. All chairs are cups. All cups are mirrors. All tables are mirrors.
- Conclusions : I. Some tables are chairs.  
 II. Some mirrors are boxes.  
 III. Some mirrors are chairs.
- (1) Only I and II follow  
 (2) Only I and III follow  
 (3) Only II follows  
 (4) Only III follows  
 (5) Only II and III follow
20. Statements : Some pins are needles. All needles are ropes. Some ropes are buckets. All buckets are trees.
- Conclusions : I. Some buckets are pins.  
 II. Some ropes are pins.  
 III. No bucket in pin.
- (1) Only either I or III and II follow  
 (2) Only either I or III follows  
 (3) Only II follows  
 (4) Only either I or II and III follow  
 (5) None of these

21-25. In each question below is given a group of letters followed by four combinations of digits/symbols numbered (1), (2), (3) and (4). You have to find out which of the combinations correctly represents are group of letters based on the following coding system and the conditions that follow and mark the number of that combination as you answer. If one of the combinations correctly represents the group of letters, mark (5) i.e. 'None of these' as you answer.

Letter : M A E K J R D W P F Q I U B H

Digit/Symbol Code : 9 1 2 3 % \* 4 5 8 δ 6 \$ @ 7 ©

- Conditions: (i) If the first and the second letters are consonants, both are to be coded as the code for the second letter.
- (ii) If the first and the third letters are vowels, both are to be coded as the code for the first letter.
- (iii) If the letter is a vowel

and the last letter is a consonant, both are to be coded as #.

21. JREMQI

- (1) \*\*296\$ (2) %\*296\$  
 (3) %2\*96\$ (4) %%296\$  
 (5) None of these

22. UBHMED

- (1) @7©924 (2) #7©92#  
 (3) 77©924 (4) @@©924  
 (5) None of these

23. AKEJPI

- (1) 123%8\$ (2) 132%8\$  
 (3) 131%8\$ (4) 113%8\$  
 (5) None of these

24. FURIJK

- (1) δ @ δ \$%3 (2) @@\*\$%3  
 (3) 3%\$\*@ δ (4) δ @\*\$%3  
 (5) None of these

25. QMIAWE

- (1) 99\$152 (2) 69\$152  
 (3) #9\$156 (4) 69\$156  
 (5) None of these

26-30. Study the following arrangement carefully and answer the questions given below:

R 4 3 % M @ K E F 5 A # J N 1 8 U © D B P 6  
 1 W 7 δ Q \* Z

26. If all the symbols are dropped from the above arrangement, which of the following will be fourth to the left of ninth from the left end?

- (1) K (2) E  
 (3) M (4) 3  
 (5) None of these

27. If all the numbers are dropped from the from the above arrangement, which of the following will be seventh to the right of eighteenth from the right end?

- (1) J (2) #  
 (3) U (4) N  
 (5) None of these

28. How many such consonants are there in the above arrangement, each of which of immediately preceded by a symbol and immediately followed by a letter?

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

29. 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) J A 1 (2) 3 R %  
 (3) 8 © 1 (4) # N A  
 (5) δ W Q

30. How many such numbers are there in the above arrangement, each of which is immediately followed by a letter but not immediately preceded by a symbol?

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

31-35. Study the following information carefully and answer the questions given below:

B, M, K, H, T, R, D and A are sitting around

a circle facing at the center. R is third to the right of B. H is second to the right of A who is second to the right of R. K is third to the right of T who is not an immediate neighbour of H. D is second to the left of T. M is fourth to the right of W.

31. Who is the immediate left of W?  
 (1) R (2) T  
 (3) B  
 (4) Data inadequate  
 (5) None of these
32. Who is third to the left of M?  
 (1) B (2) W  
 (3) K (4) T  
 (5) None of these
33. Who is third to the left of H?  
 (1) A (2) T  
 (3) K (4) R  
 (5) Data inadequate
34. Who is the immediate left of D?  
 (1) H (2) M  
 (3) B  
 (4) Data inadequate  
 (5) None of these
35. In which of the following combinations is the third person sitting in between the first and the second persons?  
 (1) WTR (2) BDT  
 (3) MHD (4) KAM  
 (5) WKR

36-40. Study the following information carefully and answer the given questions:

A word and number arrangement machine when given an input line of words and numbers rearranges them following a

particular rule in each step. The following is an illustration of input and rearrangement.

- Input : cup for hot 34 69 72 tea 27  
 Step I : 27 cup for hot 34 69 72 tea  
 Step II : 27 tea cup for hot 34 69 72  
 Step III : 27 tea 34 cup for hot 69 72  
 Step IV : 27 tea 34 hot cup for 69 72  
 Step V : 27 tea 34 hot 69 cup for 72  
 Step VI : 27 tea 34 hot 69 for cup 72  
 Step VII : 27 tea 34 hot 69 for 72 cup

And Step VII is the last step of the rearrangement.

As per the rules followed in the above steps, find out in each of the following question, the appropriate step for the given input.

36. Input : kind 12 96 heart water 59 42 yes  
 How many steps will be required to complete the rearrangement?  
 (1) Three (2) Four  
 (3) Five (4) Six  
 (5) None of these
37. Input : jungle 43 mode 25 basket 39 target 19  
 Which of the following steps will be the last but one?  
 (1) VII (2) VIII  
 (3) IX (4) VI  
 (5) None of these
38. Step III of an input is : 12 world 31 ask cart ball 87 75  
 Which of the following will definitely be the input?  
 (1) 31 ask cart ball 87 75 world 12  
 (2) 31 ask cart ball 87 75 12 world  
 (3) 31 ask 12 world cart ball 87 75

- (4) Cannot be determined  
 (5) None of these
39. Step II of an inputs is : 24 year 56 43  
 last part 64 over  
 How many more steps will be  
 required to complete the  
 rearrangement?  
 (1) Five (2) Six  
 (3) Seven (4) Four  
 (5) None of these
40. Step III of an input is : 32 station 46 81  
 73 march go for  
 (1) 32 station 46 march 73 go for 81  
 (2) 32 station 46 march 73 81 go for  
 (3) 32 station 46 march 73 go 81 for  
 (4) There will be no such step.  
 (5) None of these

41-45. In each of the following questions, two rows of number are given. The resultant number in each row is to be worked out separately based on the following rules and the question below the rows of numbers are to be answered. The operations of numbered progress from left to right.

- Rules : (i) If an odd number is followed by another composite odd number, they are to be multiplied.  
 (ii) If an even number is followed by an odd number, they are to be added.  
 (iii) If an even number is followed by a number which is a perfect square, the even number is to be subtracted from the perfect square.  
 (iv) If an odd number is followed by a prime odd number, the first

number is to be divided by the second number.

- (v) If an odd number is followed by an even number, the second one is to be subtracted from the first one.

Now work out the result numbers for each row in each question and answer the question below the rows of numbers.

41. 46 196 15  
 117 13 3  
 What is the sum of the resultant of the two rows?  
 (1) 178 (2) 172  
 (3) 168 (4) 188  
 (5) None of these
42. 5 15 40  
 m 26 3  
 If the resultant of the first row is 'm', what will be the resultant of the second row?  
 (1) 9 (2) 6  
 (3) 27 (4) 3  
 (5) None of these
43. 10 15 5  
 14 11 p  
 If 'p' is the resultant of the first row, what will be the resultant of the second row?  
 (1) 6 (2) 81  
 (3) 9 (4) 24  
 (5) None of these
44. 7 15 24  
 12 27 3  
 What will be the difference between the resultants of the first row and the second row?

- (1) 94                      (2) 68  
(3) 40                      (4) 53  
(5) None of these

45. 27 12 5  
28 64 k

If the resultant of the first row is 'k', what will be the resultant of the second row?

- (1) 42                      (2) 33  
(3) 108                      (4) 92  
(5) None of these

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46-60. Below is given a passage followed by several possible inferences which can be drawn from the facts stated in the passage. You have to examine each inference separately in the context of the passage and decide upon its degree of truth or falsity.

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Mark answer (1) If the inference is 'definitely true' i.e. if properly follows from the sentence of facts given.

Mark answer (2) If the inference is 'probably true' though not 'definitely true' in the light of the facts given.

Mark answer (3) If the 'data are inadequate', i.e. from the facts given you cannot say whether the inference is likely to be true or false.

Mark answer (4) If the inference is 'probably false', though not 'definitely false' in the light of the facts given.

Mark answer (5) If the inference is 'definitely false', i.e. it cannot possibly be drawn from the facts given or it contradicts the given facts.

Quality of higher education is emerging as a hugely profitable business opportunity. A range of private enterprise to fly-by-night operators, are making a beeline for the sector. It is neither feasible nor desirable for the state to stem this tide. Rather, the state's role should be to modulate this enthusiasm to maximize social welfare. The first step should be to dump the fairy tale that education is a sacred mission and cannot be permitted to do business. Allow companies to run educational institutions as well-run business that have transparent accounts and declare dividends. Entry to private funds into higher education is not a case for the state to withdraw from the sector. Rather, the state must deepen its involvement and give it a different shape.

46. The Govt. has enough resources to run all the educational Institutions.  
47. All educational institutions run by private companies provide quality education.  
48. Entry of private companies into education sector will benefit the society at large.  
49. Many business houses have entered education sector to earn visibility in the market.  
50. The Govt. should restrict entry of private companies into education sector.

51-60. Study the following information carefully and answer the question given below:

Following are the conditions for selecting Manager–Accounts in an organisation:

The candidate must\_\_\_\_\_

- (i) be at least 25 years and not more than 35 years as on 1.1.2010.
- (ii) be a graduate in Commerce with at least 55 percent marks.
- (iii) be a post graduate in Commerce with at least 60 percent marks.
- (iv) have post qualification work experience of at least six years in the Accounts Department of an organization.
- (v) have secured at least 45 percent marks in the personal interview.

In the case of a candidate who satisfies all the condition except\_\_\_\_\_

- (a) at (ii) above, but is a MBA-Finance with at least 65 percent marks, the case is to be referred to GM-Accounts.
- (b) at (iv) above, but is a CA/CWA and has work experience of at least one year in an organization, the case is to be referred to Executive Director.

In each question below, details of one candidate are provided. You, have to take one of the following courses of actions based on the Information provided and the conditions and sub-conditions and mark the number of that course of action as your answer. You are

not to assume anything other than the information provided in each question. All these cases are given to you as on 01.01.2010.

Mark answer (1) if the case to be referred to Executive Director.

Mark answer (2) if the case is to be referred to GM-Accounts.

Mark answer (3) if the data provided are not adequate to take a decision.

Mark answer (4) if the candidate is to be selected.

Mark answer (5) if the candidate is not to be selected.

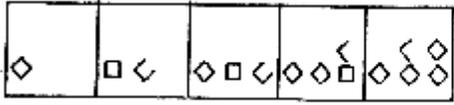
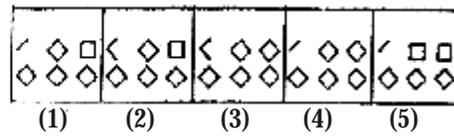
51. Prashant Mishra has secured 60 percent marks in B.Com. and 65 percent mark in M.Com. He has been working in the Accounts Department of an organization for the past seven years after completing his M.Com. He has secured 50 percent marks in personal interview. His date of birth is 15.09.1984.

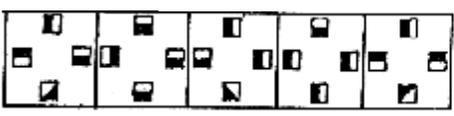
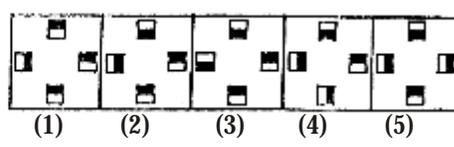
52. Samir Malhotra was born on 25<sup>th</sup> July 1982. He has been working in the Accounts Department of an organization for the past six years after obtaining his M.Com. degree with 58 percent marks. He has secured 70 percent marks in B.Com. and 60 percent marks in personal Interview.

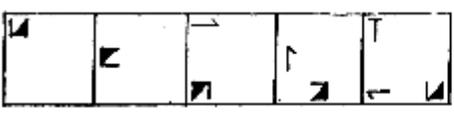
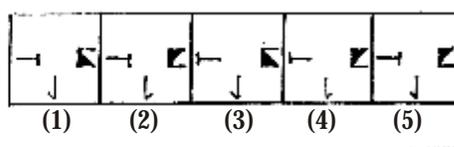
53. Sudha Agrawal was born on 5<sup>th</sup> January 1978. She has been working in the Accounts Department of an organization for the past seven years after obtaining her MBA in Finance

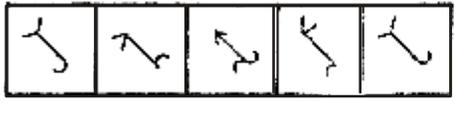
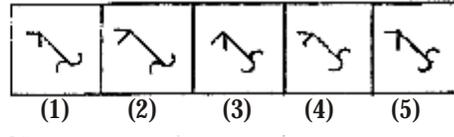
- with 70 percent marks. She has secured 68 percent marks in B.Com. and 52 percent marks in personal interview.
54. Arun Ramnathan has secured 62 percent marks in M.Com. and 58 percent marks in B.Com. He has been working in an organization for the past six years after completing his M.Com. He has secured 46 percent marks in the personal interview. His date of birth is 20<sup>th</sup> May 1981.
55. Mohan Das was born on 8<sup>th</sup> February 1980. He has been working for the past two years in an organization after completing his CA. He has secured 60 percent marks in both B.Com. and M.Com. He has secured 50 percent marks in personal interview.
56. Atul Ghosh has Secured 65 percent marks in B.Com. and 65 percent marks in M.Com. He has been working for the past eight years in the Accounts Department of an organization after completing his M.Com. He was born on 12<sup>th</sup> March 1981.
57. Seema Jaiswal was born on 19<sup>th</sup> January 1978. She has secured 62 percent mark in both B.Com. and M.Com. She has been working in the Accounts Departments of an organization for the past six years after completing her M.Com. She has secured 48 percent marks in personal interview.
58. Navin Ghosh has secured 68 percent marks in B.Com. and 57 percent marks in M.Com. He has been working in the Accounts Department of an organization for the past seven years after completing his M.Com. He was born on 15<sup>th</sup> August 1980. He has secured 47 percent marks in the personal interview.
59. Kapil Sonawane was born of 4<sup>th</sup> November 1976. He has been working for the past one year in an organization after completing his ICWA. He has secured 65 percent marks in both B.Com. and M.Com. He has secured 60 percent marks in personal interview.
60. Sonam Khanna was born on 28<sup>th</sup> December 1979. She has secured 62 percent marks in M.Com. She has been working for the past eight years in the Account Department of an organization after completing her MBA-Finance with 75 percent marks. She has secured 54 percent marks in B.Com. She has secured 60 percent marks in personal interview.

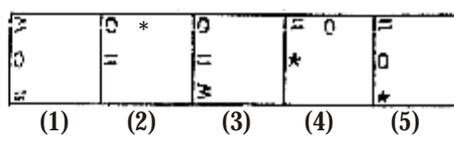
61-75. In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued?

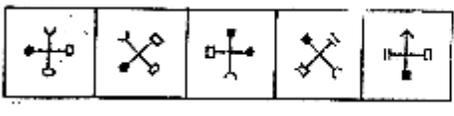
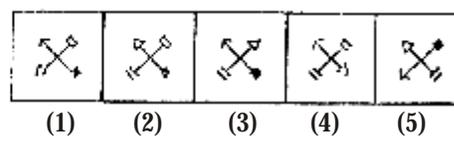
61.  

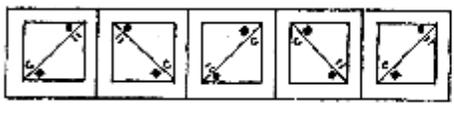
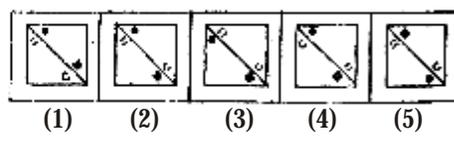
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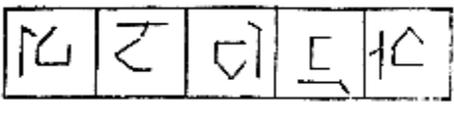
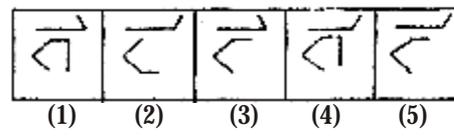
63.  

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