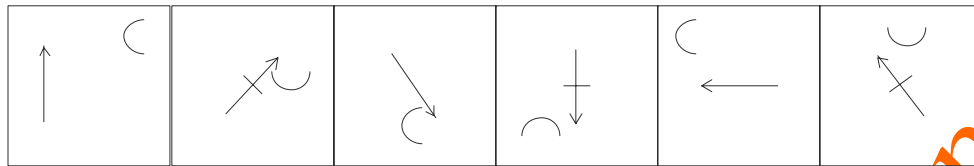


Mental Ability Test Paper 8

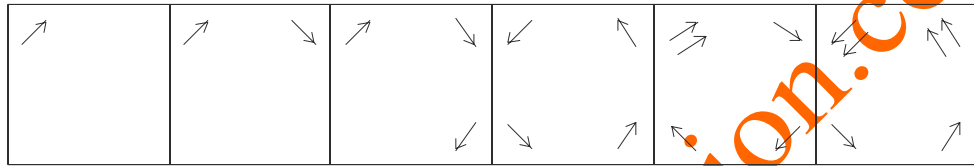
Directions: In Question nos. 1 to 5, in each of the following questions, there are four numbered figures and two un-numbered figures on the extremes. These six figures form a series. However, one of the four numbered figures does not fit into the series. The number of that figure is the answer in each question.

1.



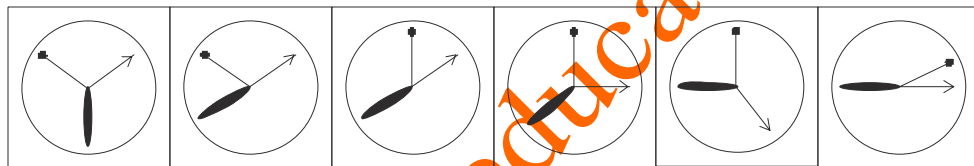
2.

1 2 3 1



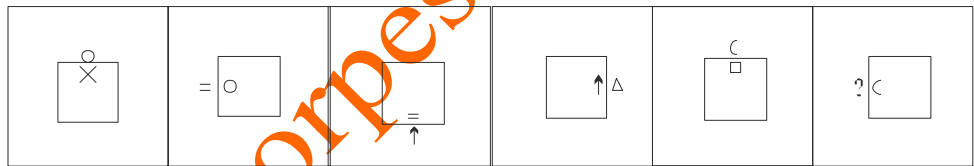
3.

1 2 3 1



4.

1 2 3 1



5.

1 2 3 1



1 2 3 4

6. If in a certain language SURGEON is coded as HRITVLM, how is PHYSICIAN in that language?

- (a) KSBHRXRZM (b) LTAKJYJUP
(c) IETWSOSHK (d) GMDLFQFVK

7. If COURAGE is coded as RECGOAU, how is ADVENTURE coded in that code?

- (a) RSKMQRKLM (b) KRENUATVN
(c) NEARDUVTE (d) MRHQCPVWQ

8. If M = 16, ME = 40, then Men = ?

- (a) 44 (b) 48

- (c) 52 (d) 55

9. Letters showing the names of some fruits have been rearranged. Pick out the alternative number of the fruit which is richest source of Vitamin C?
(a) GAONM (b) PELAP
(c) VAGAU (d) RNEGOA
10. If $X \phi Y$ means X is the wife of Y, $X \$ Y$ means X is the son of Y and $X \psi Y$ means X is the sister of Y, which of the following would mean that A is the daughter of B?
(a) $ASC\psi D\phi B$ (b) $A\phi C\$D\psi B$
(c) $A\psi C\phi D\$B$ (d) $A\psi C\$D\phi B$
11. The clinic of a Doctor faces the West. From the backside of his clinic, he walks straight 100 metres then turn to the left and walks 100 metres again. Finally, he turns towards right and stops after walking 50 metres. Now in which direction is Doctor from the starting point?
(a) South-West (b) North-East
(c) South-East (d) North-West
12. If South becomes North-East, North-East becomes West and so on, what will East become?
(a) North-West (b) North
(c) South-West (d) South

Directions: In Question nos. 13 to 14: Five friends A, B, C, D and E went on a summer vacation to five cities namely Chennai, Kolkata, Delhi, Bangalore and Hyderabad by five different modes of transport – bus, train, aeroplane, car and boat from Mumbai. C went to Bangalore by car and B went to Kolkata by air. D travelled by boat whereas E went by train. Between Mumbai, Delhi and Chennai there is no bus service. The person who went to Delhi did not use boat to travel. Now answer the questions that follow:

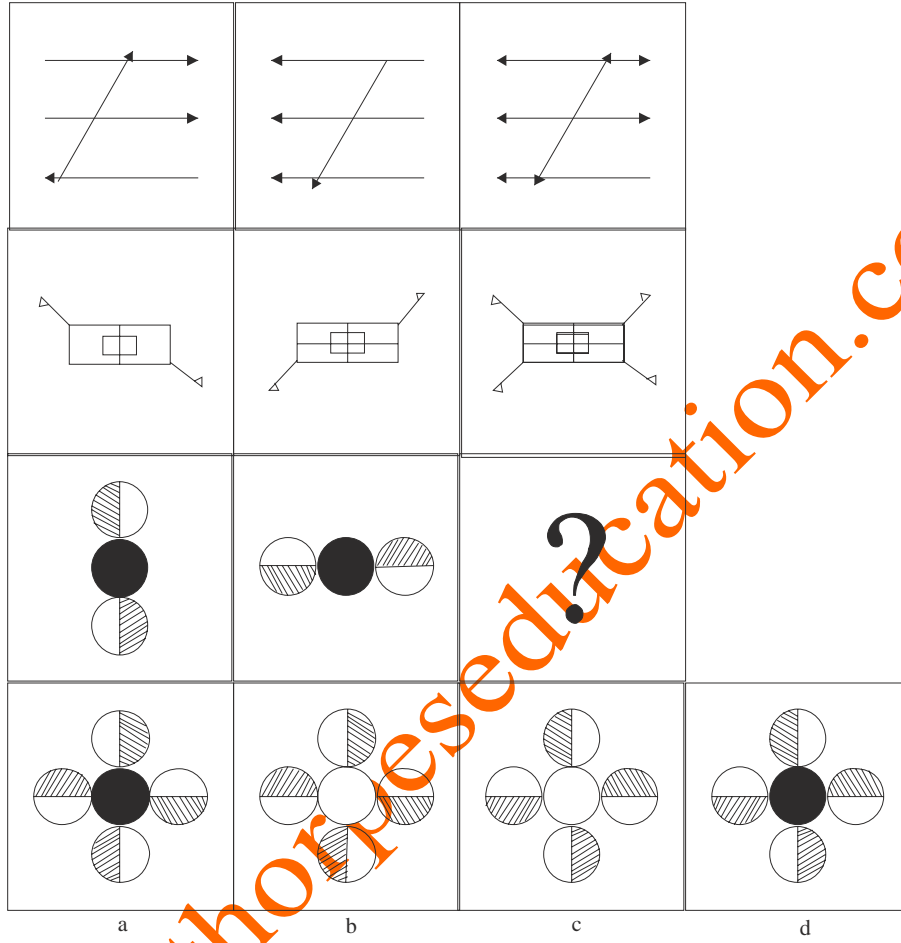
13. Which of the following mode of transport was used by the person who travelled to Delhi?
(a) Aeroplane (b) Bus
(c) Train (d) Car
14. How did A travel and where did he go?
(a) By train to Chennai (b) By bus to Hyderabad
(c) By train to Delhi (d) By boat to Chennai
15. Six books P, Q, R, S, T and U are placed side by side. R, Q, T have blue covers and other books have red covers. Only S and U are new
(a) Q and R (b) Q and T
(c) Q and U (d) T and U

Directions: In Question nos. 16 to 17 : A question and two statement numbered I and II are given below in each of the questions. You have to decide whether the data provided in the statements are sufficient to answer the given question. Read both the statements and then give your answer:

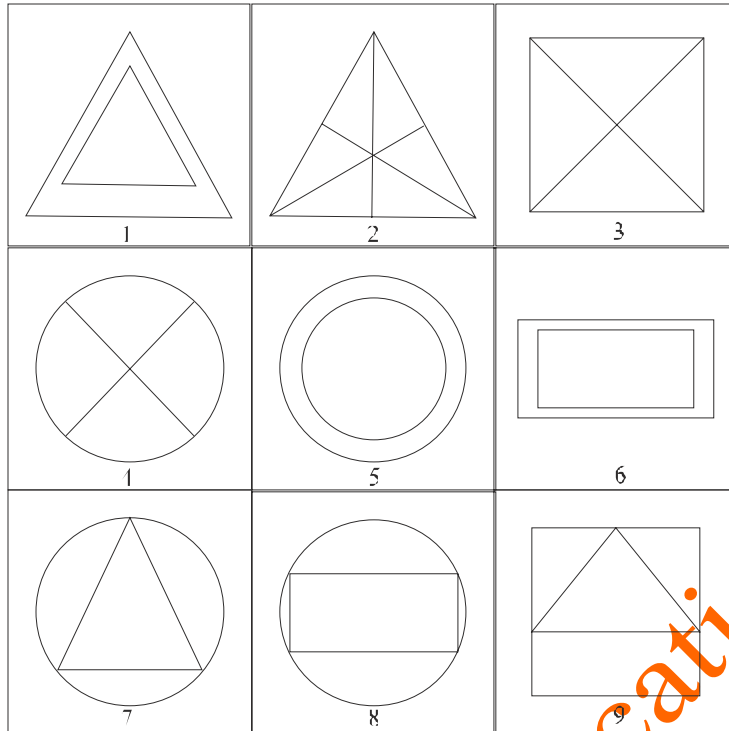
- (1) if the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.
(2) if the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.
(3) if the data in both the statement I and II together is necessary to answer the question.
(4) if the data in both the statement I and II together is not sufficient to answer the question.
16. How many students of Economics got more than 75% marks?
(I) Out of total students 20% got 75% marks.
(II) Out of the total students who got 75% marks, 15% were from Economics.

17. Among four friends, A's weight is less than B and C's weight is more than D. Who is the heaviest among them?
 (I) B is heavier than D.
 (II) B is lighter than C.

18. Which of the answer figures: (a), (b), (c) and (d) completes the figure matrix?

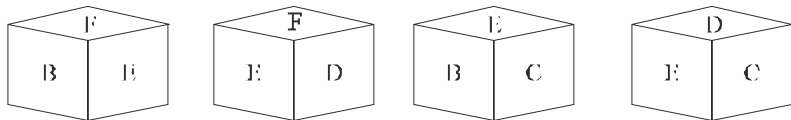
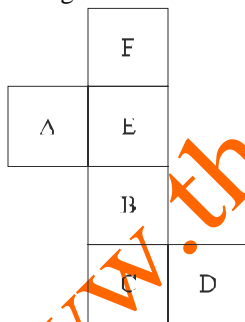


19. Group the following figures into three classes on the basis of identical properties:



- (a) 1, 2, 3; 4, 5, 8; 6, 7, 9
 (b) 1, 5, 6; 2, 3, 4; 7, 8, 9
 (c) 1, 3, 5; 2, 4, 8; 6, 7, 9
 (d) 1, 4, 7; 2, 5, 8; 3, 6, 9

20. Figure (X) given to the left in the following question, is folded to form a box. Choose from amongst the alternatives (1), (2), (3) and (4), the boxes that are similar to the box formed.

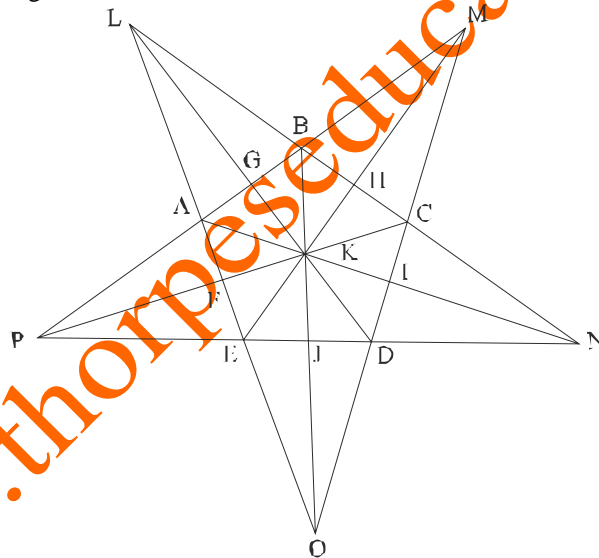


- (a) A only
 (b) B only
 (c) A and C only
 (d) A, B, C and D

21. In the following question, find out which of the figures (1), (2), (3) and (4), can be formed from the pieces given in (X)?

- (a) Only I (b) Only II
(c) Both with contrasting ideas (d) Both with same ideas
26. A pair of words whose words have certain relationship to each other is given below. This is followed by four pair of words. Select a pair of words out of words out of the four pairs of words whose words has the same relationship to each other as the words of the original pair.
Rectangle : Octagon
(a) Pentagon : Heptagon (b) Cone : Sphere
(c) Triangle : Hexagon (d) Angle : Quadrilateral
27. Three words which have something in common among themselves are given below. Choose the alternative which is most appropriate description about the three words.
Species : Genera : Family
(a) These are biological terms.
(b) These give information about living things for classification.
(c) These are traits of animal kingdom.
(d) These are groups of animals.

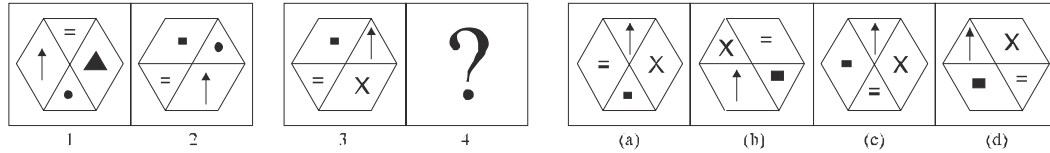
Directions: In Question nos. 28 to 30 : The following questions are based on the alphabets written along the figure given below. In each question, the relationship between the two terms written to left of the sign (:), is retained in the two terms written to the right of it. However, out of the four terms, one is missing. Choose this term out of the given alternatives.



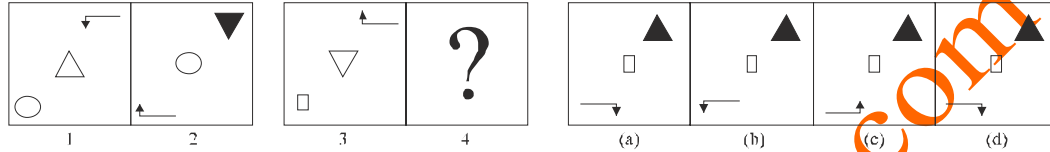
28. PEKA : MIKB :: NDKC : ?
(a) LAKB (b) OIKE
(c) OFKD (d) LHKG
29. JDME : AGBL :: FENA : ?
(a) AFEP (b) EJDO
(c) BHCM (d) DICN
30. LJDC : AIDE :: OHBA : ?
(a) EHCD (b) CFED
(c) DGBC (d) HBAF

Directions: In Question nos. 31 to 35 : In the following questions, Figures A and B are related in a particular manner. Establish the same relationship between Figure C and D by choosing a figure from amongst the four alternatives, which would replace the question mark in place of Figure D.

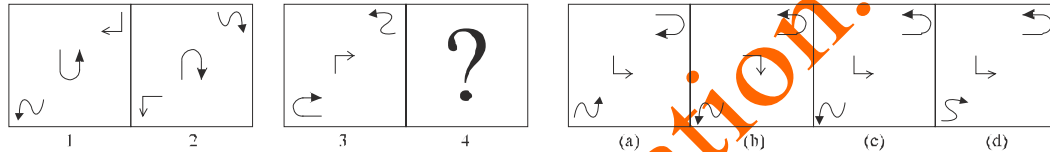
31.



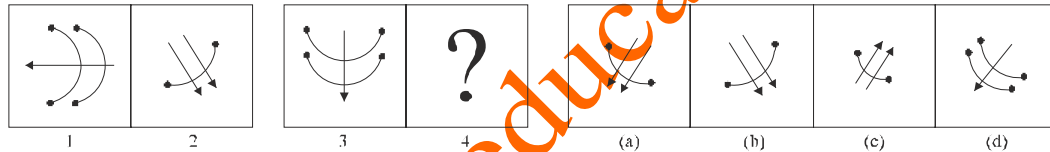
32.



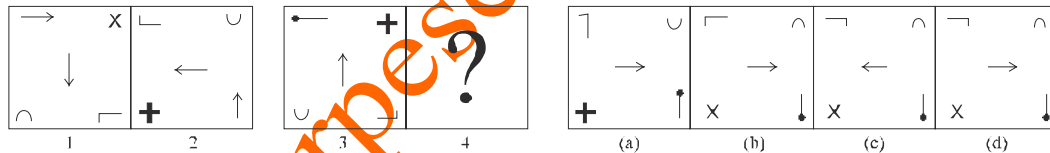
33.



34.



35.



36. Find the wrong number in the following series:

1, 2, 4, 7, 13, 24, 54, 81

- (a) 13 (b) 24
(c) 54 (d) 81

37. A number series with one term missing, is given below. Choose the alternative that will continue the same pattern and fill in the blank space.

2, 5, 11, 32, (...), 194, 389

- (a) 48 (b) 65
(c) 72 (d) 87

38. A letter series whose one term is missing, is given below. Choose the missing term out of the given alternatives.

Lfw, iib, flg, (...), zrq

- (a) ufm (b) col
(c) pgw (d) kbq

39. A letter series whose one term is wrong, is given below. Find out the wrong term out of the given alternatives.

AtQ, WrU, ApY, EmC, IlG, MjK

- (a) WrU (b) ApY

(c) EmC

(d) IIG

40. A letter series is given below. Some of the letters of this series which are given in the same order in one of the alternatives, are missing. Find out that alternatives.

_m l _ l n l _ m n m _ m l n _

(a) l n m m l

(b) m l m n n

(c) m n n l m

(d) n m n l l

ANSWER

- | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1. | (b) | 9. | (d) | 17. | (c) | 25. | (d) | 33. | (c) |
| 2. | (a) | 10. | (d) | 18. | (d) | 26. | (c) | 34. | (c) |
| 3. | (d) | 11. | (b) | 19. | (b) | 27. | (b) | 35. | (d) |
| 4. | (d) | 12. | (c) | 20. | (b) | 28. | (a) | 36. | (d) |
| 5. | (d) | 13. | (c) | 21. | (d) | 29. | (c) | 37. | (b) |
| 6. | (a) | 14. | (b) | 22. | (c) | 30. | (c) | 38. | (b) |
| 7. | (c) | 15. | (b) | 23. | (c) | 31. | (d) | 39. | (c) |
| 8. | (d) | 16. | (d) | 24. | (d) | 32. | (b) | 40. | (d) |

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