

**Directions : find the missing term in each of the following series:**

1. 1, 6, 15, ?, 45, 66, 91
  - (a) 25
  - (b) 26
  - (c) 27
  - (d) 28
2. 5824, 5242, ?, 4247, 3823
  - (a) 4467
  - (b) 4718
  - (c) 4856
  - (d) 5164
3. 20, 20, 19, 16, 17, 13, 14, 11 ?, ?
  - (a) 10, 10
  - (b) 10, 11
  - (c) 13, 14
  - (d) 13, 16
4. **Directions:** In each of the following letter series, some of the letter are missing which are given in that order as one of the alternatives below it. Choose the correct alternative.  
 \_\_op\_\_mo\_\_n\_\_ \_\_pnmop\_\_
  - (a) mnpmon
  - (b) mpnmop
  - (c) mnompn
  - (d) mnpomn
5. **Directions:** In each of the following questions, there is a certain relationship between two given words on one side of :: and one word is given on another side of :: while another word is to be found from the given alternatives, having the same relation with this word as the words of the given pair bear. Choose the correct alternative.  
 Milk : Emulsion :: Butter : ?
  - (a) Aerosol
  - (b) Suspension
  - (c) Sol
  - (d) Gel
6. Abduction is related to Kidnapping in the same way as Larceny is related to .....
  - (a) Theft

- (b) Crime
- (c) Blackmail
- (d) Sin

7. **Directions:** The following questions consist of two words each that have a certain relationship to each other, followed by four lettered pairs of words. Select the lettered pair that has the same relationship as the original pair of words.

**Knife : Chopper**

- (a) Walking : Fitness
- (b) Swim : Float
- (c) Scissors : Cloth
- (d) Quilt : Blanket

8. **Directions:** Each of the following sentences has the first word and the last word left out. Choose the pair from among the five pairs of words that will fill the blanks so that the sentence becomes true and sensible. Only one pair is correct.

..... is to Difference as Add is to .....

- (a) Change – Subtract
- (b) Subtract – Total
- (c) Deduct – Decrease
- (d) Agreement – Increase
- (e) Same – More

9. If three days before yesterdays was Wednesday, what will be two days after tomorrow?

- (a) Wednesday
- (b) Monday
- (c) Friday
- (d) Tuesday

10. **Directions:** In each of the following question some words are given which are related in some way. The same relationship obtains among the words in one of the four alternatives given under it. Find the correct alternative.

Bone : Skeleton : Nerve

- (a) House : Door : Window
- (b) Spoke : Wheel : Handle
- (c) Retina : Eye : Pupil
- (d) Snow : Cloud : Ice

11. **Directions:** In each of the following questions, five words have been given out of which four

are alike in some manner, while the fifth one is different. Choose out the odd one.

- (a) Sahara
- (b) Thar
- (c) Gobi
- (d) Sunderban
- (e) Kalahari

**12. Directions:** In each of the following questions, five words have been given out of which four are alike in some manner, while the fifth one is different. Choose out the odd one.

- (a) Probe
- (b) Exploration
- (c) Deliberation
- (d) Investigation

**13.** If GOLD is coded as HOME, COME is coded as DONE and CORD is coded as DOSE, how would you code SONS?

- (a) TPOT
- (b) TOOT
- (c) TOOS
- (d) TONT

**14.** In a certain code, POETRY is written as QONDSQX and OVER is written as PNUDQ. How is MORE written in that code language?

- (a) LNNQD
- (b) NNNQD
- (c) NLNQD
- (d) NLPQD
- (e) None of these

**15.** In a certain language, 'pre nat bis' means 'smoking is harmful', 'vog dor nat' means 'avoid harmful habit' and 'dor bis yel' means 'please avoid smoking'. Which of the following means 'habit' in that language?

- (a) vog
- (b) nat
- (c) dor
- (d) bis
- (e) None of these

**16.** In a certain coding system, 'rbm std bro pus' means 'the cat is beautiful', 'tnh pus dim std' means 'the dog is brown', 'pus dim bro pus cus'

means 'the dog has the cat'. What is the code for 'has'?

- (a) std
- (b) dim
- (c) bro
- (d) cus

**17.** In a certain code GARNISH is written as RGAINHS. How will GENIOUS be written in that code?

- (a) ENGOIUS
- (b) NEGIOUS
- (c) NGEOSIU
- (d) GENOISU

**18.** Pointing to a lady in the photograph, Shaloo said, "Her son's father is the son-in-law of my mother." How is Shaloo related to the lady?

- (a) Aunt
- (b) Sister
- (c) Mother
- (d) Cousin
- (e) None of these

**19.** X introduces Y saying, "He is the husband of the granddaughter of the father of my father." How is Y related to X?

- (a) Brother
- (b) Son
- (c) Brother-in-law
- (d) Nephew
- (e) Son-in-law

**20.** Pointing to a person, a man said to a woman, "His mother is the only daughter of your father." How was the woman related to the person?

- (a) Aunt
- (b) Mother
- (c) wife
- (d) Daughter
- (e) None of these

**21.** Gopal starts from his house towards West. After walking a distance of 30 meters. He turned towards right and walked 20 meters. He then turned left and moving a distance of 10 meters, turned to left again and walked 40 meters. He now turns to the left and walks 5 meters. Finally

he turns to his left. In which direction is he walking now?

- (a) North
- (b) South
- (c) East
- (d) South-west
- (e) West

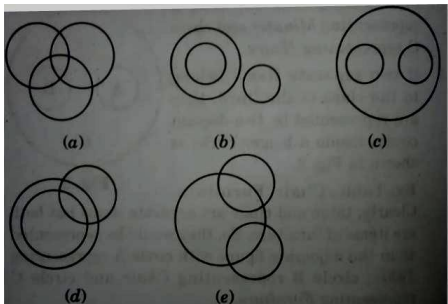
22. A rat runs 20' towards East and turns to right, runs 10' and turns to right, runs 9' and again turns to left, runs 5' and then turns to left, runs 12' and finally turns to left and runs 6'. Now, which direction is the rat facing?

- (a) East
- (b) West
- (c) North
- (d) South

23. A postman was returning to the post office which was in front of him to the north. When the post office was 100 meters away from him, he turned to the left and moved 50 meters to deliver the last letter at Shantivilla. He then moved in the same direction for 40 meters, turned to his right and moved 100 metres. How many metres was he away from the post office?

- (a) 0
- (b) 90
- (c) 150
- (d) 100
- (e) None of these

**Directions –:** In the following questions, three classes are given. Out of the five figures that follow, you are to indicate which figure will best represent the relationship amongst the three classes.



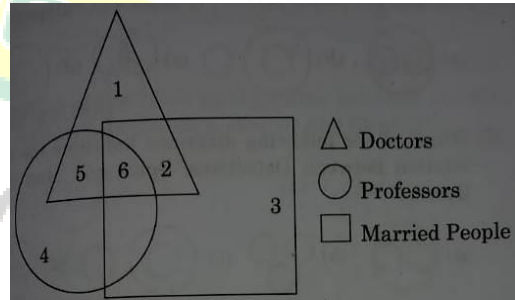
24. Elephants, Wolves, Animals

25. If the third Friday of a month is 16<sup>th</sup> what date is the fourth Tuesday of that month?

- (a) 20<sup>th</sup>
- (b) 22<sup>nd</sup>
- (c) 27<sup>th</sup>
- (d) 29<sup>th</sup>

26. In the following question, select the one which is different from other three.

- (a) AYBZ
- (b) BXCY
- (c) DVEW
- (d) MPON



27.

Which number indicates doctors who are not married?

- (a) 6
- (b) 1
- (c) 4
- (d) 2

**Directions:** Arrange the given words in alphabetical order and choose the one that comes first.

28. (a) Science  
(b) Scrutiny  
(c) Scripture  
(d) Scramble  
(e) Script

29. In a class of 35 students, Kunal is placed seventh from the bottom whereas Sonali is placed ninth from the top. Pulkit is placed exactly in between the two. What is Kunal's position from Pulkit?

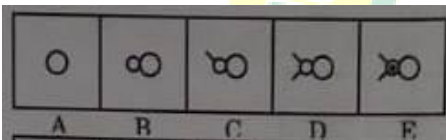
- (a) 9
- (b) 10
- (c) 11
- (d) 13

30. Richard is fifteenth from the front in a column of boys. There were thrice as many behind him as there were in front. How many boys are there between Richard and the seventh boy from the end of the column?

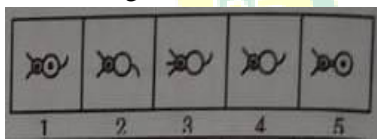
- (a) 33
- (b) 34
- (c) 34
- (d) Data inadequate
- (e) None of these

**Directions:** Each of the following questions consists of five figures marked A,B, C, D and E called the Problem Figures followed by five other figures marked 1, 2, 3, 4, and 5 called the Answer figures. Select a figure from amongst the Answer figures which will continue the same series as established by the five Problem Figure.

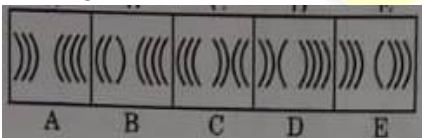
Problem Figures



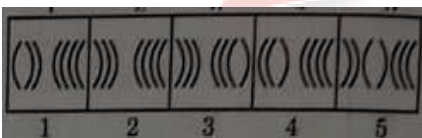
31. Answer Figures



Problem Figures



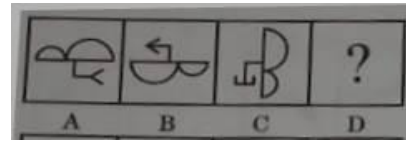
32. Answer Figures



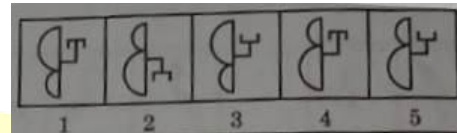
**Directions** – Each of the following questions consists of two sets of figures. Figures A, B, C and D constitute the problem set while figures 1, 2, 3, 4 and 5 constitute the Answer set. There is a definite relationship between figures A and B. Establish a similar relationship between figures C and D by selecting a suitable figure from the

Answer set that would replace the question mark (?) in fig (D)

**Problem Figures**



33. Answer Figures



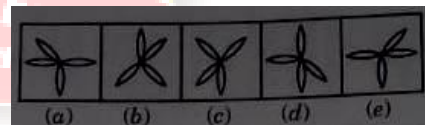
**Problem Figures**



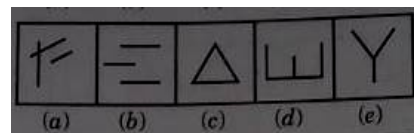
34. Answer Figures



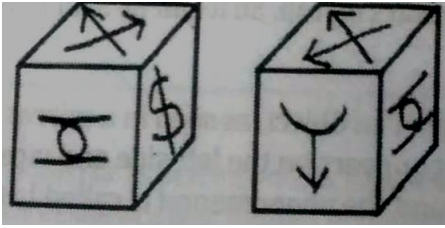
35. **Directions** – In each problem out of the five figures marked (a), (b), (c), (d) and (e), four are similar in a certain manner. However, one figure is not like the other four. choose the figure which is different from the rest.



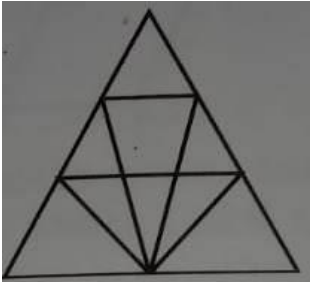
36. **Directions** – In each problem out of the five figures marked (a), (b), (c), (d) and (e), four are similar in a certain manner. However, one figure is not like the other four. choose the figure which is different from the rest.



37. **Directions:** In the question figures given below find whether two cubes look alike or not? Write **Yes** if they are similar or write **No** if they are not.

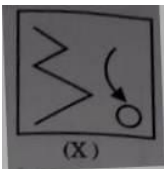


38. Directions: In each of the following questions, find the number of triangles in the given figure.

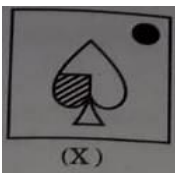
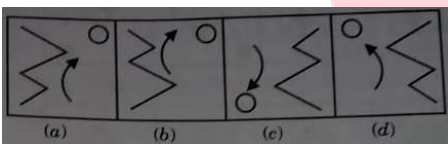


- (a) 12
- (b) 18
- (c) 22
- (d) 26

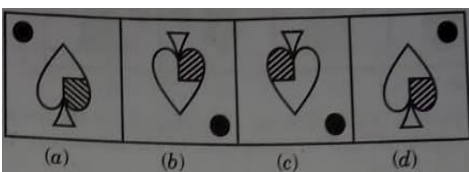
Directions: In each of the following questions, choose the correct mirror-image of the fig. (X) from amongst the four alternatives (a), (b), (c) and (d) given along with it.



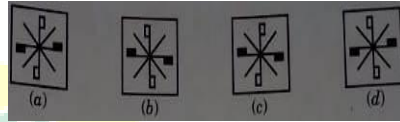
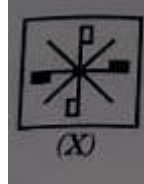
39.



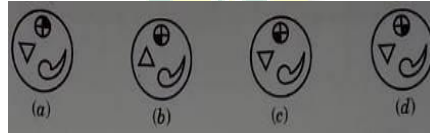
40.



41. Directions: In each of the following questions, choose the correct water-image of the Fig. (X) from amongst the four alternatives (a), (b), (c) and (d) given along with it.



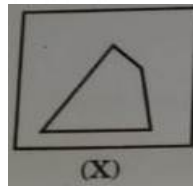
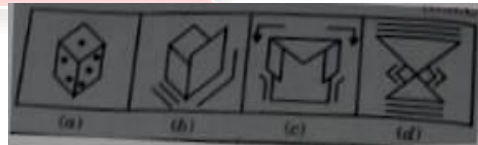
42.



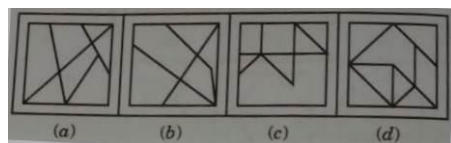
Directions: In each of the following questions, you are given a fig. (X) followed by four alternative figures (a), (b), (c) and (d) such that fig. (X) is embedded in one of them. Trace out the alternative figure which contains fig. (X) as its part.



43.

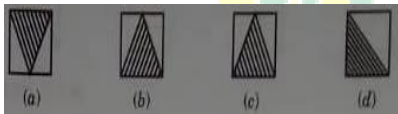
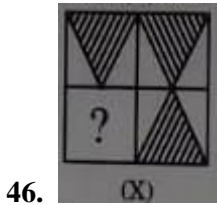
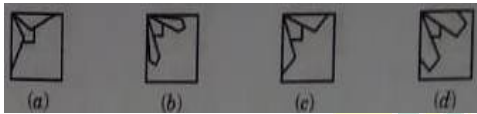
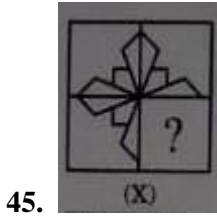


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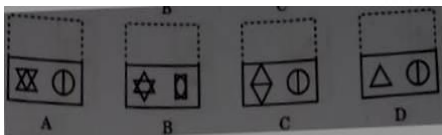
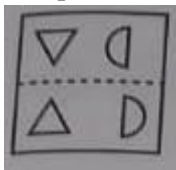




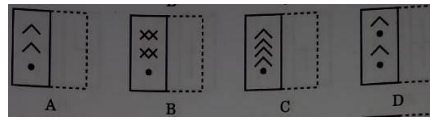
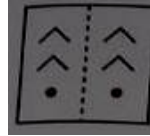
**Directions:** In each of the following questions, select a figure from amongst the four alternatives, which when placed in the blank space of fig. (X) would complete the pattern.



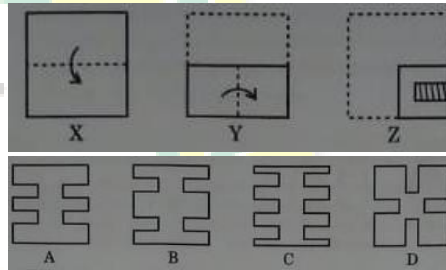
47. **Directions-** In each of the following problems, a square transparent sheet with a pattern is given. Figure out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.



48. **Directions-** In each of the following problems, a square transparent sheet with a pattern is given. Figure out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.



49. **Directions:** Each of the following questions consists of a set of three figures X,Y and Z showing a sequence of folding of a piece of paper. Fig. (Z) shows the manner in which the folded paper has been cut. These three figures are followed by four answer figures from which you have to choose a figure which would most closely resemble the unfolded form of fig. (Z)



50. **Directions:** Each of the following questions consists of a set of three figures X,Y and Z showing a sequence of folding of a piece of paper. Fig. (Z) shows the manner in which the folded paper has been cut. These three figures are followed by four answer figures from which you have to choose a figure which would most closely resemble the unfolded form of fig. (Z)

