TRISHUL DEFENCE ACADEMY

OFFICER'S INTELLIGENCE RATING TEST – 13

1. 'Rabbit' is related to 'Burrow' in the same way as 'Lunatic' is related to :
   (a) Prison
   (b) Cell
   (c) Barrack
   (d) Asylum

2. A certain number of horses and an equal number of men are going somewhere. Half of the owners are on their horses' back while the remaining ones are walking along leading their horses. If the number of legs walking on the ground is 70, how many horses are there?
   (a) 8
   (b) 10
   (c) 12
   (d) 14

3. A bag contains 2 red, 3 green and 2 blue balls. Two balls are drawn at random. What is the probability that none of the balls drawn is blue?
   (a) 10/21
   (b) 11/21
   (c) 2/7
   (d) 5/7

4. 50 men can dig 40 holes in 30 days. How long will 25 mend take to dig 20 holes?
   (a) 15 days
   (b) 22 ½ days
   (c) 30 days
   (d) 45 days

5. On 8th Feb, 2005 it was Tuesday. What was the day of the week on 8th Feb, 2004?
   (a) Tuesday
   (b) Monday
   (c) Sunday
   (d) Wednesday

6. Master : OCUVGT : : LABOUR : ?
   (a) NCDQWT
   (b) NDERWT
   (c) NBERWT
   (d) NEDRWT

7. Pointing towards a woman in a photograph Vijay said, " She is the daughter of the father of sister of my brother." How is the lady in the photograph related to Vijay?
   (a) Wife
   (b) Mother
   (c) Sister
   (d) Daughter

8. 'Flower' is related to 'Bud' in the same way as 'Fruit' is related to:
   (a) Seed
   (b) Tree
   (c) Flower
   (d) Stem

9. A 25 ft. 6 inches long piece of wood is cut to make three piece of equal length. The length of one piece is
   (a) 8ft. 1 inch
   (b) 8ft. 6 inch
   (c) 8ft. 3 inch
   (d) 8ft. 4 inch

10. If KASHMIR is written as 8142753, how RIMSHAK can be written in that code?
    (a) 3574218
    (b) 3571842
    (c) 3521478
    (d) 3574812

11. 40% of 1620 + 30% of 960 = ? % of 5200
    (a) 12
    (b) 20
    (c) 21
    (d) 19

12. If a train 150 m long crosses a pole in 12 seconds, then what is the speed of the train in km per hr?
    (a) 45
    (b) 60
    (c) 50
    (d) 75

13. AZBY : CXDW :: EVFU : ?
  (a) GTHS
  (b) GHTS
  (c) GSTH
  (d) TGSH

14. If A =1, FAT =27, then FAITH = ?
  (a) 44
  (b) 42
  (c) 41
  (d) 40

15. Fahad starts, from a point A and walks 1 km towards south, turns left and walks 1 km. then he turns left again and walks 1 km. Now he is facing.
  (a) East
  (b) West
  (c) North
  (d) South-west

16. If P × Q means P is son of Q
  If P + Q means P is daughter of Q
  If P ÷ Q means P is wife of Q
  If P – Q means P is father of Q
  What will come in the place of ? to establish D + B –C ? A
  (a) +
  (b) –
  (c) ×
  (d) ÷

17. Two persons A and B get the same salary. Their basic pay are different. The allowances are 654% and 80% of the basic pay respectively. What is t he ratio of the basic pay?
  (a) 17:15
  (b) 7:5
  (c) 11:10
  (d) 12:11

18. M × N : 13 × 14 : : F × R : ?
  (a) 14 × 15
  (b) 5 × 17
  (c) 6 × 18
  (d) 7 × 19

19. If BET = ROD, CAN = SIM and MUG = LAN, then MEN = ?
  (a) LOM
  (b) OLM
  (c) MOL
  (d) LMO

20. NATION : ANTINO : : HUNGRY : ?
  (a) HUNGRY
  (b) UHNGRY
  (c) YRNGUH
  (d) UNHGYR

21. Which number will replace the question mark?

  (a) 23
  (b) 24
  (c) 25
  (d) 27

22. In the following question, a number series is given. Only one number is wrong which does not fit in the series. Find out the wrong number.
  3 4 10 32 136 685 4116
  (a) 4
  (b) 32
  (c) 685
  (d) 4116
  (e) None of these

23. Find the odd word pair from the given responses
  (a) Krishna
  (b) Cauvery
  (c) Narmada
  (d) Mahanadi

24. In each of the following question, select the one which is different from other three alternatives.
  (a) 22, 4, 5
  (b) 34, 4, 8
  (c) 37, 4, 9
  (d) 54, 4, 13

25. A rolling stone gather no _____.
(a) mass
(b) moss
(c) mess
(d) musk

26. How many 6's are there in the following series of numbers which are preceded by 7 but not immediately followed by 9?
6 7 9 5 6 9 7 6 8 7 6 7 8 6 9 4 6 7 7 6 9 5 7 6 3
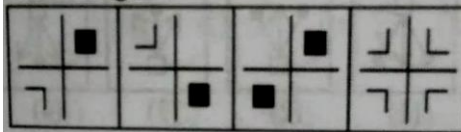(a) One
(b) Two
(c) Three
(d) Four

27. If 50 minutes ago, it was 45 minutes past four O'clock , how many minutes is it until six O'clock?
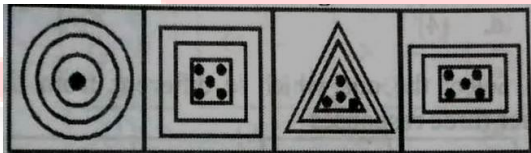(a) 45
(b) 15
(c) 25
(d) 35

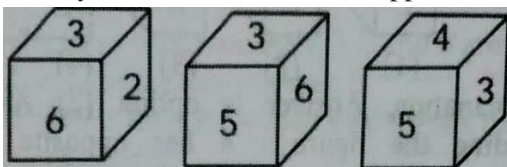**28.** Question figure

Answer Figure:

(a)   (b)   (c)   (d)

29. Find the odd figure

(a)   (b)   (c)   (d)

30. Three positions of a dice are given below. Identify the number on the face opposite to 6.

(a) 1

(b) 4
(c) 5
(d) 6

31. Question Figure:
Group A
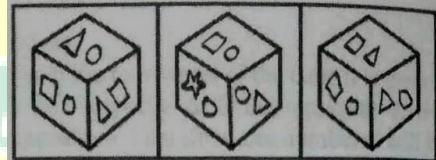
Group B
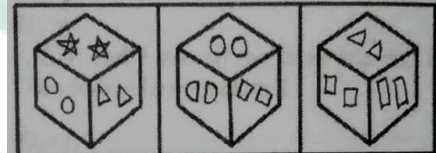
Which one of the following cubes which are given below can possibly belong to Group A?
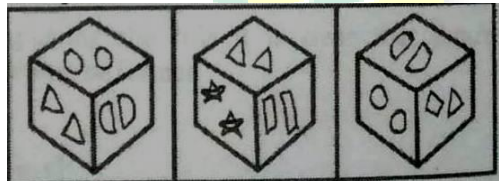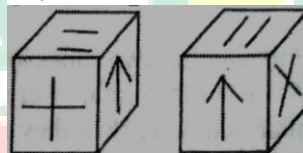

(A)   (B)   (C)

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

33. 24-carat gold is pure gold 18-carat gold is ¾ gold. 20-carat gold is 5/6 gold. The ratio to pure gold in 18 carat gold to 20 carat gold is
(a) 5: 8
(b) 10:9
(c) 15:24
(d) 9:10

34. Standing on a platform, Sudha told Neeraj that Meerut was more than ten kilometers but less than fifteen kilometers from there. Neeraj knew that it was more than twelve but less than fourteen kilometers from there. If both of them were correct, which of the following could be the distance from Meerut from the platform?
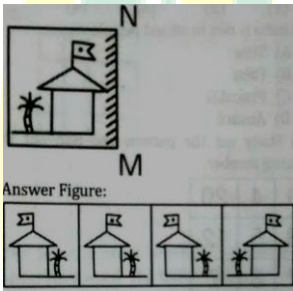(a) 11 km

(b) 12 km

(c) 13 km

(d) 14 km

35. If cloud is called white, white is called rain, rain is called green, green is called air, air is called blue and blue is called water, where will the birds fly?
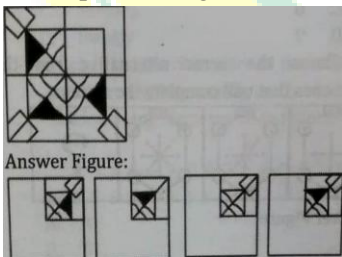
(a) Rain

(b) White

(c) Green

(d) Blue

36. If a mirror is placed on the line MN, then which of the answer figures is the correct image of the given Figure?
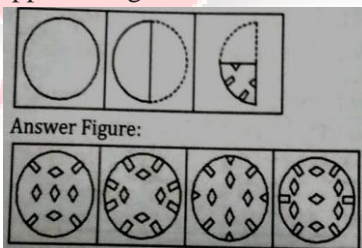

Answer Figure:

(a) (b) (c) (d)

37. Which answer figure will complete the pattern in the question figure?

Answer Figure:

(a) (b) (c) (d)

38. A square is folded in a particular manner and a punch is made. When unfolded, the paper appears as given below
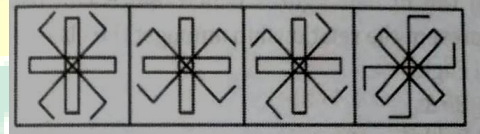

Answer Figure:

(a) (b) (c) (d)

39. In each of the following questions, select the one which is different from other three alternatives

(a) HGDC

(b) XWTS

(c) BAZY

(d) POLK

40. Find the odd figure from the given responses
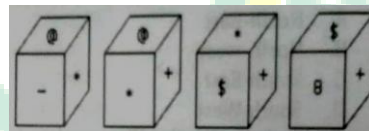

(a)   (b)   (c)   (d)

41. Select a word which is similar to the underlined word. The bullet wound proved to be **fatal** and the soldier died immediately.

(a) Grievous

(b) Dangerous

(c) Serious

(d) Deadly

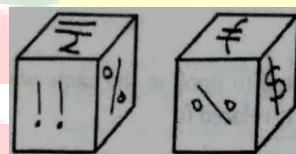**42.** Find out a meaning full word from the below-given word.

nigidensou (Hint: Another name for local)

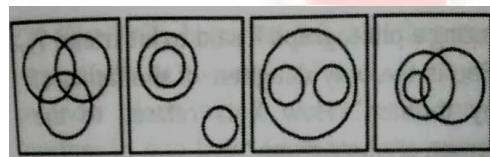**43.** Which symbol will be on the face opposite to the face with symbol * ?

(a)   (b)   (c)   (d)

44. Find if the two cubes are similar or not?

45. Out of four figures which figure will best represent the relationship amongst the classes:
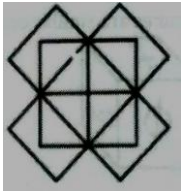
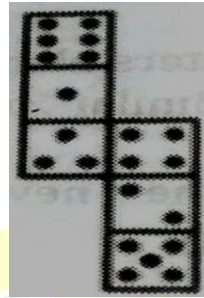(1) Eagle

(2) Birds

(3) Rabbit

(a)   (b)   (c)   (d)

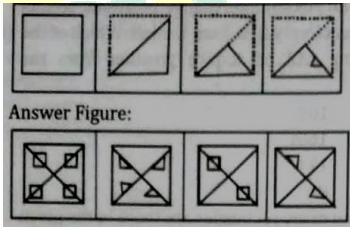**46.** Count the number of rectangles in the given figure.

(a) 25
(b) 15
(c) 20
(d) 17

47. The given matrix follows some rule. Find the missing number according to it.

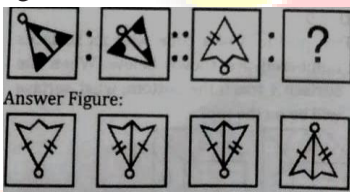| 5	20	6	9
4	8	15	3
9	25	7	9
22	7	8	?

(a) 7
(b) 8
(c) 9
(d) 10

48. Find the figure pattern of sheet on unfolding from the answer figures.

Answer Figure:

    (a)   (b)   (c)   (d)

49. Select the related figure from the answer figures.

Answer Figure:

    (a)   (b)   (c)   (d)

(a) 4
(b) 7
(c) 6
(d) 5

50. How many dots lie opposite to the face having three dots? When the given figure is folded to for a cube.