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0503

VSA (English Medium)

Paper No. III

Intelligence Test &

Time : 3 P.M. to 4 P.M.

Pages : 16

General Science

Total Marks : 100

Instructions :—

- (1) In this question paper there are **50** questions carrying **2** marks each.
- (2) *All* questions are compulsory.
- (3) A separate answer-sheet is provided to write the answers. Each question has four alternatives. Only one of it is the correct answer. Write the correct alternative in the box, e.g.

4

.
- (4) The correct alternative must be written using English numbers. Numbers written in any other language will not be accepted.
- (5) As far as possible do not scratch or rewrite on the answers. Such answers will not be accepted.
- (6) Write the answers either with black or blue inked ball pen. Answers written with pencil or red ink will not be assessed.
- (7) If the answer has to be changed draw three horizontal lines on the wrong answer e.g.

3

. Write the changed answer on the right side of the box, e.g.

3 2

.
- (8) For one answer only **one** correction can be made once.
- (9) For one subject maximum **five** corrections will be accepted. If more than **five** corrections are made, the extra corrections will not be accepted.
- (10) Part I of the question paper consists of **25** questions of Intelligence Test and Part II consists of **25** questions of General Science.

PART I

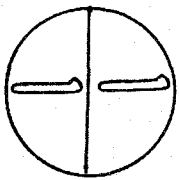
INTELLIGENCE TEST

1. Identify the term which matches with the group :
Stars, Planets, Satellites
(1) Air (2) Water
(3) Comet (4) Tree
2. Man, aim, monkey, mat. In these words which letter is repeated a maximum number of times ?
(1) n (2) a
(3) m (4) o
3. In the given number series how many times an odd number follows an even number ?
4, 8, 3, 5, 6, 7, 3, 4, 2, 3, 6, 5, 4, 6, 5, 2, 7
(1) Six (2) Five
(3) Four (4) Three
4. Which of the following does not fit in the given group ?
(1) Moon (2) Mars
(3) Saturn (4) Venus
5. In a code language $1 = 4$, $3 = 6$ and $5 = 8$, then in the same language what will be the value of $6 + 8 \times 4$?
(1) 18 (2) 9
(3) 8 (4) 38
6. In a row Sunita is standing 12th from the left and 16th from the right. What is the position of Rohini if she is standing exactly at the centre of the same row ?
(1) 12 (2) 13
(3) 14 (4) 16

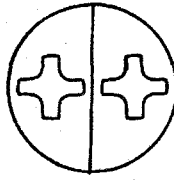
7. Sameer's first birthday falls on Monday, 1st January 2001. On which day will his second birthday be celebrated ?

- (1) Monday (2) Tuesday
 (3) Wednesday (4) Thursday

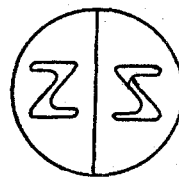
8. Find the figure which does not fit in the group :



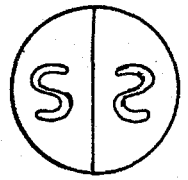
(1)



(2)

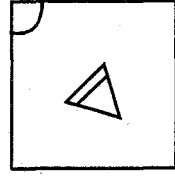
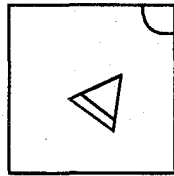
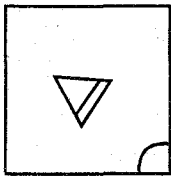


(3)

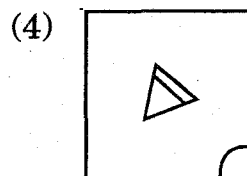
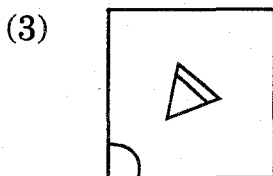
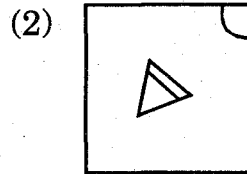
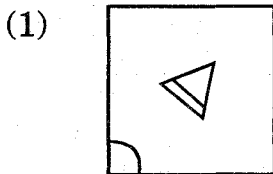


(4)

9. There is a specific order in the following figures, according to that order find the correct alternative :



?



10. In the following number series one term is wrong. Find that term :

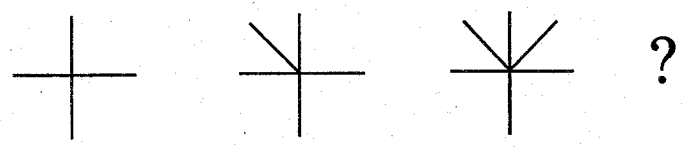
2, 5, 8, 17, 26

- (1) 2
- (2) 5
- (3) 17
- (4) 8

11. Ramesh is older than Suresh. Suresh is older than Shyam. Then who is the youngest of them ?

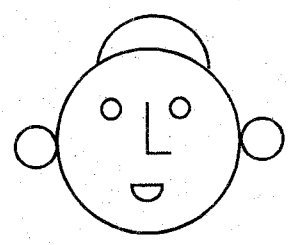
- (1) Shyam and Suresh
- (2) Suresh
- (3) Ramesh
- (4) Shyam

12. Choose the *correct* alternative which will replace the question mark in the following question ?



- (1)
- (2)
- (3)
- (4)

13. How many circles are there in the following figure ?

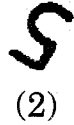
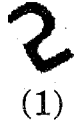
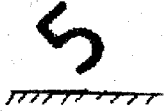


- (1) 4
- (2) 5
- (3) 7
- (4) 8

14. Find the reflection image of the question figure as seen in the water :

Question Figure

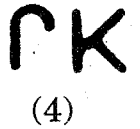
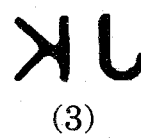
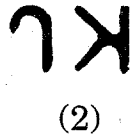
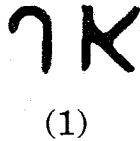
Answer Figures



15. Find the reflection image of the question figure as seen in the water :

Question Figure

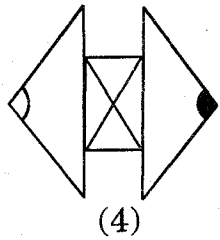
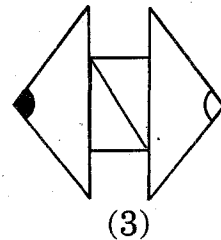
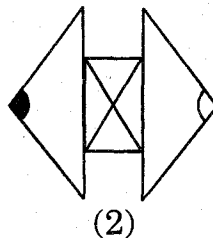
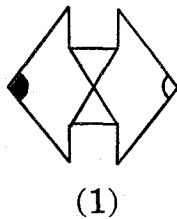
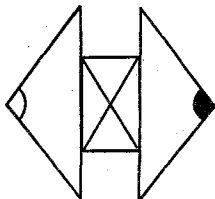
Answer Figures



16. Find the mirror image of the question figure from the given alternatives :

Question Figure

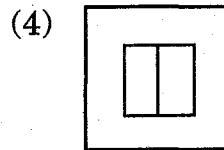
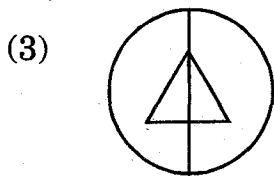
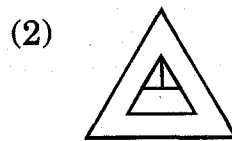
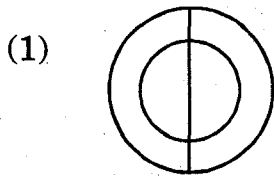
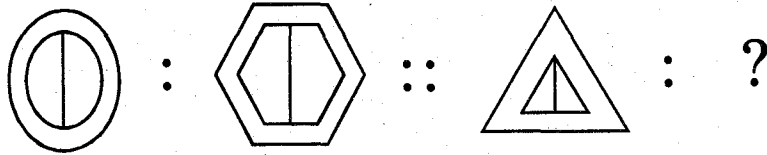
Answer Figures



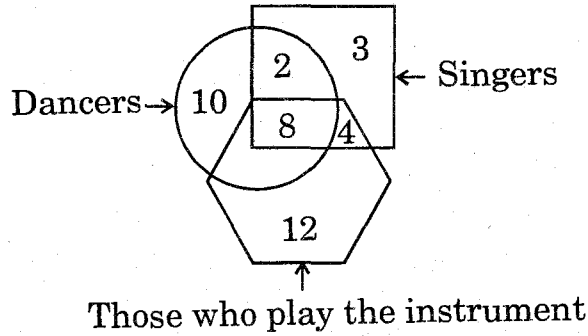
17. The first and second term have a specific relationship, the same relationship is observed in the third and fourth term. Find that relationship. Choose the correct alternative which can replace the question mark :

$$25 : 75 :: 36 : ?$$

- (1) 72 (2) 108
 (3) 110 (4) 114
18. In the following figure the first and the second figure have a specific relationship. The same relationship should be there in the third and fourth figure. Choose the correct alternative which can replace the question mark :



21. Observe the following figure and answer the question given below it :

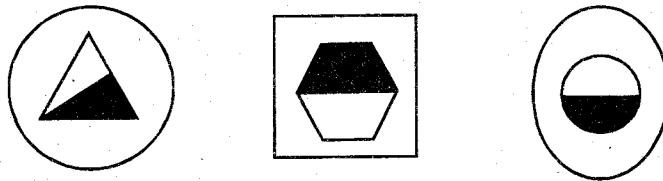


How many people can dance according to the figure ?

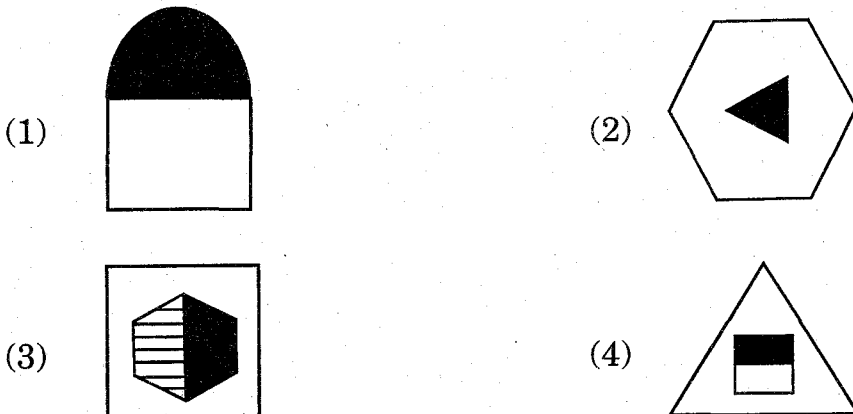
- (1) 2
- (2) 8
- (3) 10
- (4) 20

22. In the following figure a group of figures is given. Choose the *correct* alternative which matches with this group :

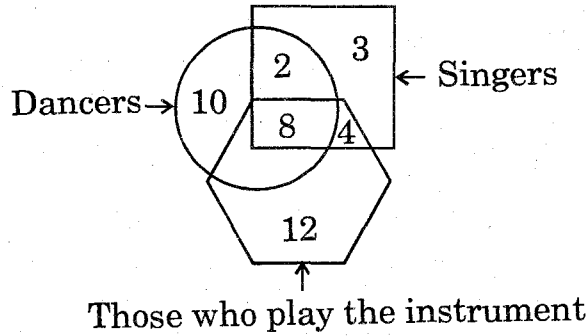
Question Figures :



Answer Figures :



21. Observe the following figure and answer the question given below it :

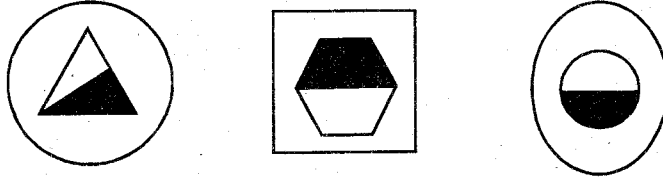


How many people can dance according to the figure ?

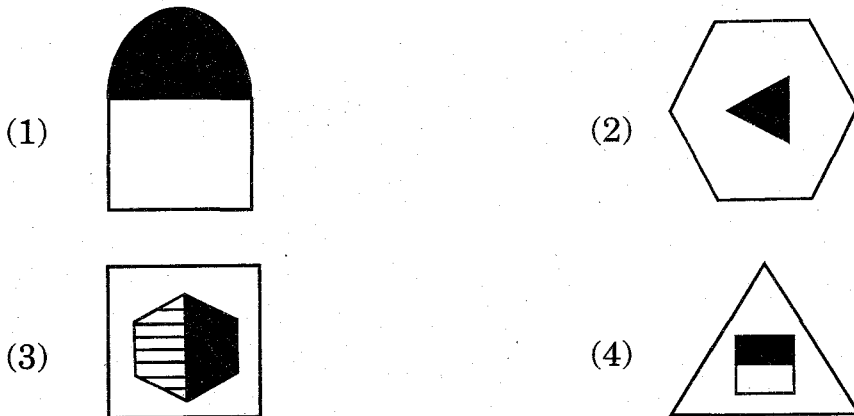
- (1) 2
- (2) 8
- (3) 10
- (4) 20

22. In the following figure a group of figures is given. Choose the *correct* alternative which matches with this group :










Question Figures :



Answer Figures :



23. Some symbols are given below :

D	P	R	O	G	A	E	I	N
								

Identify the following word :



- (1) DRAINE (2) DRAINROP
 (3) RAINDROP (4) DROPIING

24. If a small girl falls in a dry well in front of your eyes, which of the following action is *correct* ?

- (1) I will watch and enjoy
 (2) I will not pay attention and go away
 (3) I will shout to attract attention and tell others that the girl has fallen in the well
 (4) I will run away from there to avoid trouble

25. If there is no teacher in the class, then what will you do ?

- (1) We will shout loudly
 (2) We will play in the class
 (3) We will bang the benches in the class
 (4) We will revise the earlier work

PART II

GENERAL SCIENCE

26. Which of the following tree does *not* have branches ?
- (1) Jackfruit (2) Guava
(3) Mango (4) Banana
27. Which of the following pair is *incorrect* ?
- (1) Horse—Stable (2) Cow—Shed
(3) Hen—Nest (4) Lion—Cave
28. Identify the term which does *not* fit in the group ?
- (1) Ginger (2) Carrot
(3) Sweet potato (4) Radish
29. Which of the following factor does *not* affect the environment ?
- (1) Excessive population
(2) Large number of factories
(3) Cultivation of trees
(4) Flood
30. Which of the following fruits have fibrous covering ?
- (1) Papaya (2) Coconut
(3) Jackfruit (4) Mango

31. Which of the following is a digestive juice ?

- (1) Sweat
- (2) Saliva
- (3) Blood
- (4) Tears

32. Which of the following is a healthy habit ?

- (1) remove nails with teeth
- (2) do not comb hair
- (3) brush the teeth
- (4) take bath on alternate days

33. Which of the following can be eaten without any process ?

- (1) Leafy vegetables
- (2) Fruit-vegetables
- (3) Fruits
- (4) Pulses

34. If water is stored properly then :

- (1) it becomes stale
- (2) it gets spoiled
- (3) it remains worth drinking
- (4) it becomes safe for drinking

35. Rice is washed before cooking because.....

- (1) its aroma increases
- (2) its taste improves
- (3) its colour improves
- (4) to remove the chemicals sprayed on rice

36. Excessive use of vehicles causes.....pollution.

(1) water

(2) air

(3) food

(4) soil

37. Always eat.....food.

(1) open

(2) fried

(3) stale

(4) fresh

38. Which of the following is a solid substance ?

(1) Water

(2) Mercury

(3) Ice

(4) Kerosene

39., this coloured liquid is used in thermometers.

(1) Water

(2) Kerosene

(3) Alcohol

(4) Diesel

40. A glass in the lantern is called as.....

(1) cover

(2) glass

(3) lid

(4) glass chimney

41. You do not feel cold in this season but you feel very hot and thirsty.
Which season am I ?
- (1) rain (2) summer
(3) winter (4) rainy season
42. Plateau : Farming :: Sea coast :?.....
- (1) hunting (2) collecting honey
(3) fishing (4) wood cutting
43. In winter we see mist, because.....
- (1) water vapour gets cooled
(2) proportion of smoke increases
(3) temperature of air increases
(4) dust particles in air increase
44. In which of the following action, work is *not* performed ?
- (1) walking (2) swimming
(3) watching (4) playing
45. Petrol is a.....source of energy.
- (1) underground (2) mechanical
(3) non-conventional (4) conventional

46. Windmills use.....energy to produce electrical energy.
- (1) light (2) heat
(3) wind (4) sound
47. In.....soil the proportion of bigger particles is more.
- (1) sandy (2) loamy
(3) clayey (4) humus
48. Which of the following does *not* require a sandy soil for better growth ?
- (1) muskmelon (2) wheat
(3) cucumber (4) watermelon
49. Which of the following requires abundant amount of water ?
- (1) Wheat (2) Jowar
(3) Bajara (4) Rice
50. To keep insects away from the grain.....leaves are used.
- (1) Apta (2) Sugarcane
(3) Neem (4) Mango