

2003 IV 24

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Seat No.

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P 35 (English Medium)

Paper No. III Intelligence Test Time : 3 P.M. to 4 P.M.
Pages : 12 and General Science Total Marks : 100

Instructions :—

- (1) This question paper contains **50** questions carrying **2** marks each.
- (2) *All* questions are compulsory.
- (3) A separate answer-sheet is provided. Every question has four alternatives to choose your answer from. These alternatives are numbered 1, 2, 3, 4. Out of these only one choice of answer is correct. This correct alternative number should be written in the block provided in the answer-sheet, next to the corresponding question number

2

.
- (4) As far as possible, avoid any cancellations.
- (5) While correcting the answer, cancel the wrong answer number by drawing three lines across it as shown

3

. The corrected answer number should be written next to the cancelled block, to look like

3

 2.
- (6) The correction can be done only once for each question.
- (7) More than **5** corrections will not be given marks.
- (8) If you don't know the answer to a question, go on to attempt the next ones. After you have answered the whole paper, attempt the remaining questions.
- (9) A space has been provided on every question paper for rough work. Use only that space for your rough work.
- (10) In this question paper in Section I **25** questions are of Intelligence Test and in Section II **25** questions are of General Science.

SECTION I

INTELLIGENCE TEST

1. Choose the right number to substitute the question mark to complete the series given below :

12, 14, 16, 18, ?

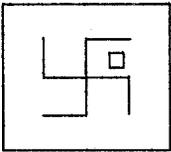
- (1) 19 (2) 20 (3) 22 (4) 24

2. Mohan stands facing north. He turns to his left in a right angle. Which direction does he face now ?

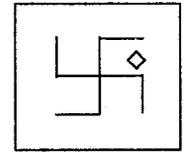
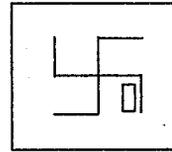
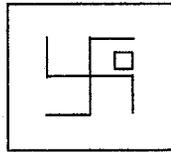
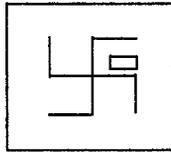
- (1) East (2) South-east
 (3) North-west (4) West

3. Find one of the Answer-figures that exactly matches the Question-figure.

Question-Figure



Answer-figures



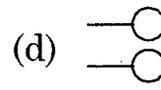
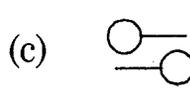
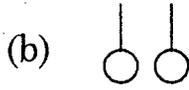
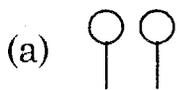
- (1) (2) (3) (4)

4. Find the odd man out :

Sparrow, Crow, Rat, Parrot.

- (1) Rat (2) Crow (3) Parrot (4) Sparrow

5. Find the figure which is odd man out :



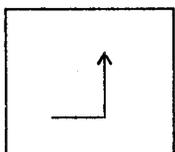
- (1) d (2) b (3) c (4) a

Instructions for Q. 6 and Q. 7 :—

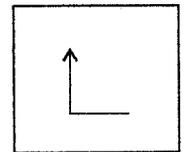
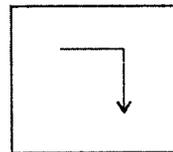
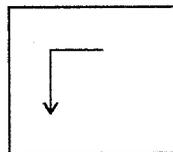
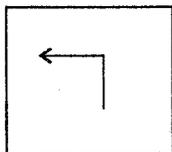
How will the reflection of the Question-figure in water look like ?

Find it from the Answer-Figures.

6. **Question-Figure**

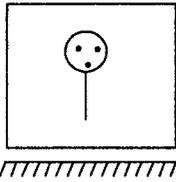


Answer-Figures

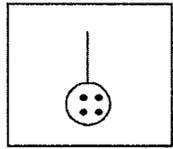


- (1) (2) (3) (4)

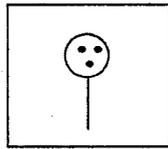
7. **Question-Figure**



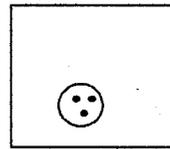
Answer-Figures



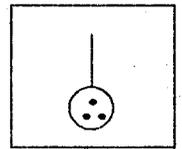
(1)



(2)



(3)



(4)

8. Arrange the following sentences in the meaningful order and select the correct answer :

(1) Sachin felt very happy.

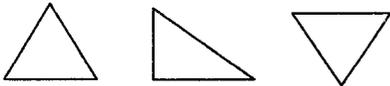
(2) The results of the examination were declared.

(3) Sachin stood first in the examination.

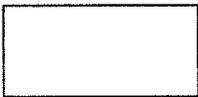
(1) 1, 2, 3 (2) 2, 1, 3 (3) 2, 3, 1 (4) 3, 1, 2

9. A group of Question-Figures is given below. Find a figure from the Answer-figures, which matches the group.

Question-Figures



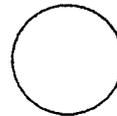
Answer-figures



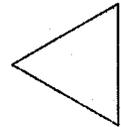
(1)



(2)



(3)



(4)

10. 'v' 's' 'm' 't' 'n' 'g' 'r'

In the set of letters given above, which is the fifth letter after 'v' ?

(1) t

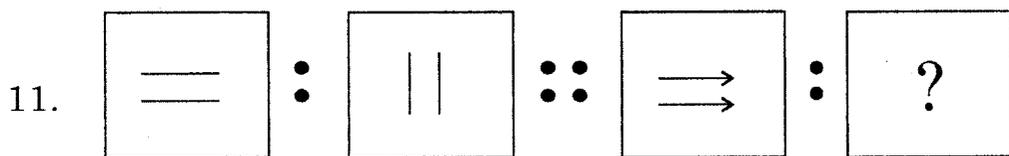
(2) g

(3) n

(4) r

Instructions for Q. 11 and Q. 12 :-

In the following questions, the figures in the first two boxes are related in a certain way. The figures in the next two boxes must be related in the same way. Find the correct figure in place of the question-mark.



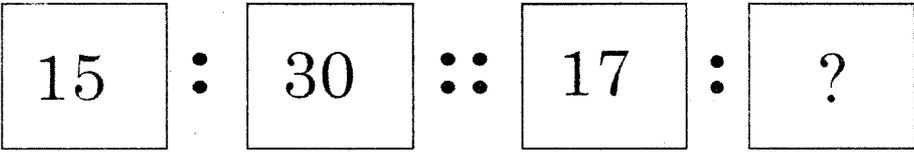
(1)

(2)

(3)

(4)

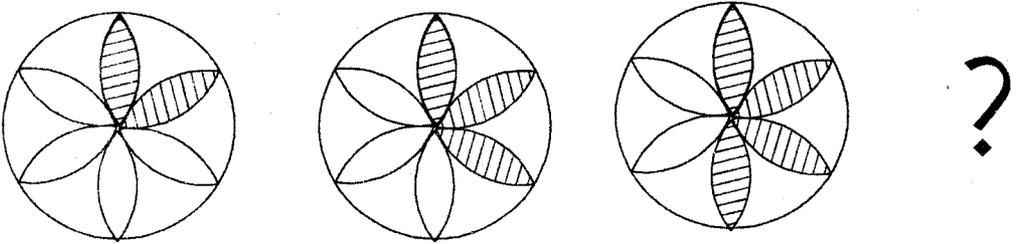
12.



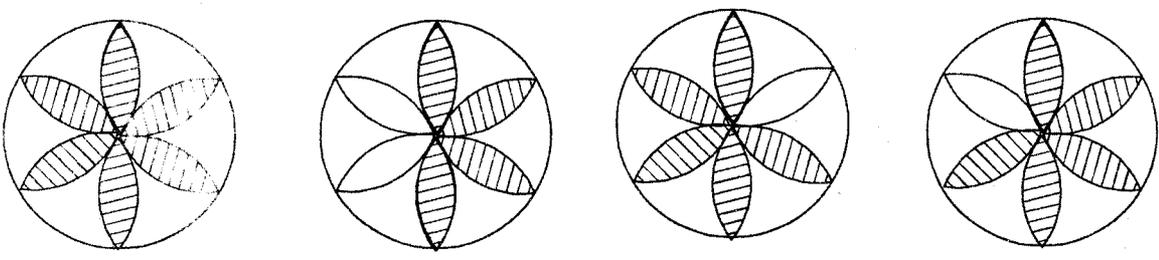
- (1) 34 (2) 32 (3) 45 (4) 51

13. Find one of the Answer-figures, to come in place of the question-mark.

Question-Figures



Answer-Figures

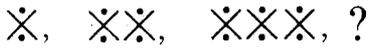


- (1) (2) (3) (4)

14. After seeing an injured puppy on the road, which of the following behaviour of Rahul is proper ?

- (1) He drove out the puppy.
 (2) He went away, ignoring the puppy.
 (3) He bandaged the wound of the puppy.
 (4) He threw a pebble at the puppy.

15. Find the order in the series and replace the question-mark with the right answer



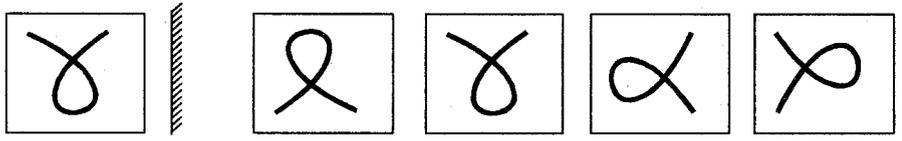
- (1) ✖✖✖✖✖ (2) ✖✖✖✖ (3) ✖✖✖ (4) ✖✖

16. Raju forgot to bring his tiffin, what would be the right thing to do ?
- (1) I will make fun of him for forgetting the tiffin.
 - (2) I will tell him to go home for his meal.
 - (3) I will share my tiffin with him.
 - (4) I will ignore him completely.

17. How will the reflection of the Question-Figure in a mirror look like ? Find from the Answer-Figures.

Question-Figure

Answer-Figures



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

18. Replace a question-mark with the number that has the same feature, as that of in the group

47, 19, 31, ?

- (1) 15 (2) 35 (3) 49 (4) 37

19. Which is the odd number at the centre of the series given below ?

11, 12, 17, 18, 21, 23, 24, 25

- (1) 18 (2) 21 (3) 23 (4) 17

Instructions for Q. 20 and Q. 21 :-

Some signs are given in front of the numbers. However, the signs and numbers are not in the same order. Find the sign that stands for each number and then answer the questions.

273 = ● ★ △

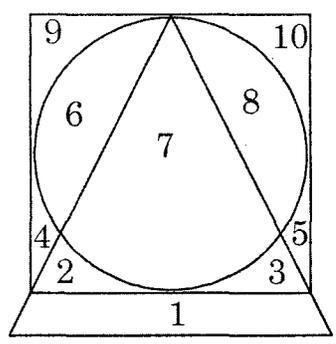
452 = □ ● ○

175 = □ ⊕ ★

20. Which sign stands for the number 27 ?

- (1) ● □ (2) ○ △ (3) ★ □ (4) ● ★

21. ○ □ Which number does this sign stand for ?
 (1) 45 (2) 51 (3) 43 (4) 75
22. In the year 2003, if Republic Day falls on Sunday, which day will it be on 5th February, in the same year ?
 (1) Sunday (2) Tuesday (3) Thursday (4) Wednesday
23. Five blocks are placed one on top of other. The red block is at the bottom. There is no block above the yellow one. The green block is between the blue and the white blocks. What are the colours of the next two blocks below the blue one ?
 (1) Green and White (2) Green and Yellow
 (3) Yellow and Red (4) Yellow and White
24. Rajashree likes the rose and chrysanthemum flowers. Jayashree likes only roses. Radhika likes *jai* and *jui*. Sarika likes all flowers except champa. Which are the two girls who do not like champa and *jui* ?
 (1) Radhika and Jayashree (2) Sarika and Rajashree
 (3) Jayashree and Rajashree (4) Rajashree and Radhika
25. In the Venn diagram given below, people who eat mangoes, bananas and guavas are shown by a square, a triangle and a circle, respectively. Numbers are given to different parts of the diagram. Study the diagram carefully and answer the following question.



Which parts of the diagram have people who eat mangoes as well as bananas but do not eat guavas ?

- (1) 2, 3 (2) 4, 5 (3) 3, 4, 5 (4) 2, 3, 4

SECTION II

GENERAL SCIENCE

26. How many living things are shown in the following picture ?
(1) Seven (2) Five (3) Four (4) Six



27. Which type of energy is required to light a tubelight ?
(1) Heat (2) Sound (3) Electricity (4) Wind
28. What is the shelter of honey-bee called ?
(1) Honey comb (2) Anthill
(3) Henpen (4) Nest
29. Which among the following crops needs plenty of water ?
(1) Jowar (2) Rice (3) Wheat (4) Gram
30. What is the advantage of covering food products with net ?
(1) Food products do not get cold.
(2) Food products become tastier.
(3) Flies do not sit on the food.
(4) Food products can be preserved for many days.
31. Between which parts of the body is knee situated ?
(1) Thigh and Calf (2) Calf and Ankle
(3) Arms and Palm (4) Wrist and Fingers

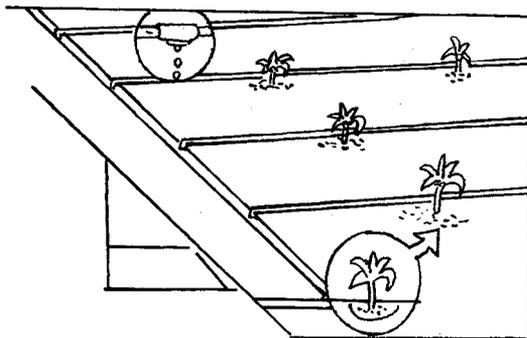
32. Which is the largest bird in size ?
 (1) Pigeon (2) Duck (3) Kite (4) Ostrich
33. Which animal uses oxygen dissolved in water ?
 (1) Duck (2) Fish (3) Tortoise (4) Heron
34. Which picture shows, crop being watered by the sprinkling method ?



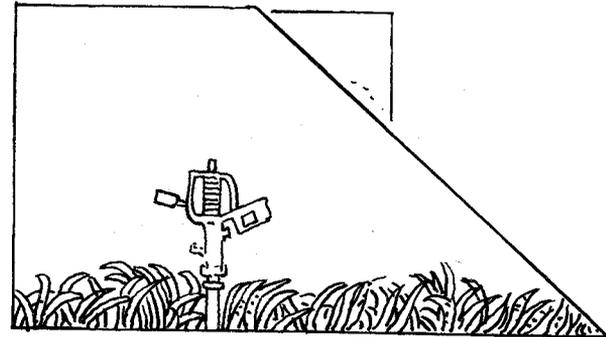
(1)



(2)



(3)



(4)

35. What happens if the water is removed from the cooked vegetables ?
 (1) Vegetables cannot be digested easily
 (2) Vegetables become very tasty
 (3) Vegetables lose their nutrients
 (4) Vegetables gain their nutrients
36. From which of the following plants is oil obtained ?
 (1) Coconut (2) Banyan (3) Mango (4) Bajra
37. What should be done to prevent the cattle getting disease ?
 (1) Cattle be given less water to drink
 (2) Cattle be given less fodder
 (3) Vaccinate the cattle
 (4) Cattle be given lot of fodder

38. What will happen when the vapour high up in the air cools suddenly ?
- (1) The vapour will rise higher
 - (2) The heat in the atmosphere will increase
 - (3) The lake-water will freeze
 - (4) There will be hail along with rain
39. The cholera epidemic spreads rapidly at the river banks because :
- (1) Cholera germs spread through the air
 - (2) Cholera germs spread through the water
 - (3) Cholera germs spread by touch
 - (4) Cholera germs spread because of mosquitoes
40. What is the first part of the alimentary canal known as ?
- (1) Oesophagus
 - (2) Small intestine
 - (3) Stomach
 - (4) Large intestine
41. Which is the non-conventional source of energy ?
- (1) Kerosene
 - (2) Petrol
 - (3) Biogas
 - (4) Cowdung cakes
42. Which crop improves the fertility of the soil ?
- (1) Jowar
 - (2) Wheat
 - (3) Bajra
 - (4) Pulses
43. Through which object can the light pass ?
- (1) Iron
 - (2) Aluminium
 - (3) Wood
 - (4) Glass
44. By eating which food, do our teeth and gums get more exercise ?
- (1) Tomato
 - (2) Rice
 - (3) Sugarcane
 - (4) Butter
45. What is the effect of hailstorm and storms on the crop ?
- (1) Crops grow better
 - (2) Crops get damaged
 - (3) Corns grow bigger in size
 - (4) Crops are burnt up

46. What is the apparatus used for heating the water by solar energy ?
- (1) Electric hot plate (2) Stove
(3) Chulha (4) Solar heater
47. What is known as a brittle object ?
- (1) The object which cannot be pressed.
(2) The object not easily broken.
(3) The object that breaks easily.
(4) The object that gets dissolved in water.
48. A piece of Bhakri when chewed tastes sweet because :
- (1) Proteins are converted into sugar
(2) Starch is converted into sugar
(3) Fats are converted into sugar
(4) There is sugar in saliva
49. Wicker bins are used for storage of grains because :
- (1) They are well-ventilated
(2) Moisture in the grain increases
(3) Grains can be protected from pests
(4) Taste of the grain improves.
50. Identify the branch of the tamarind tree from the pictures given below.



(1)



(2)



(3)



(4)