

Total Questions : 35

Time : 1 hr.

**PATTERN & MARKING SCHEME**

Section	(1) Logical Reasoning	(2) Science	(3) Achievers Section
No. of Questions	5	25	5
Marks per Ques.	1	1	2

**SYLLABUS**

**Section – 1 :** Patterns, Alphabet Test, Coding-Decoding, Ranking Test, Mirror Images, Geometrical Shapes and Solids, Embedded Figures, Direction Sense Test, Possible Combinations, Analogy and Classification, Clock and Calendar.

**Section – 2 :** Plants, Animals, Food and Digestion, Human Needs, Matter and Materials, Force, Work and Energy, Our Environment, Earth and Universe.

**Section – 3 :** Higher Order Thinking Questions - Syllabus as per Section – 2.

**LOGICAL REASONING**

1. There is a certain relationship between the pair of figures on the either side of ::. Identify the relationship between the given pair and find the missing figure.

$$\square : 16 :: ? : 15$$



2. Find the missing number, if a certain rule is followed either row-wise or column-wise.

8	6	28
6	3	18
4	7	?

(A) 26

(B) 22

(C) 21

(D) 25

3. How many minimum number of straight lines are required to draw the given figure?



(A) 18

(B) 16

(C) 14

(D) 11

## SCIENCE

4. Select the correct option to complete the given analogy.

Pitcher plant : Insectivorous plant :: \_\_\_\_\_ : Parasitic plant

- (A) Duckweed      (B) Venus flytrap      (C) Dodder      (D) Cactus

5. Unscramble the given letters and select the option that gives the name of an endoparasite.

- (A) CIEL      (B) AFEL      (C) OQIMSUOT      (D) PMOTEWRA

6. Which of the following can be separated by using a separating funnel?

- (A) Oil and water      (B) Common salt and water  
(C) Rice grains and chaff      (D) Chalk powder and water

7. Select the option that contains same type of simple machines as pliers.

- (A) Slide, Knife, Bottle cap      (B) Pen cap, Ramp, Steering wheel  
(C) Bottle opener, See-saw, Nut cracker      (D) Scissors, Knife, Screwdriver

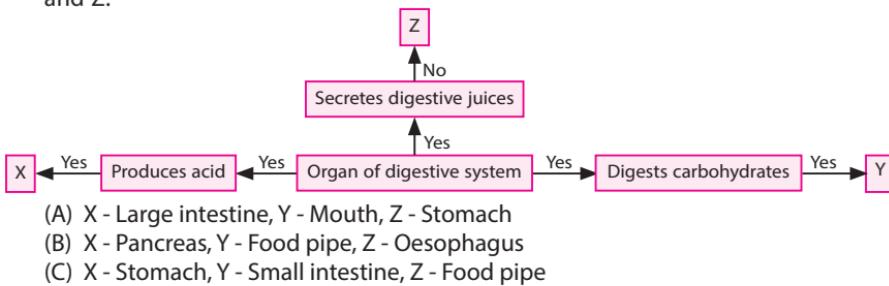
8. Study the given relationship based on their root type and select the option that satisfies the same relationship.

Turnip : Onion

- (A) :      (B) :      (C) :      (D) :

## ACHIEVERS SECTION

9. Refer to the given flow chart and select the option that correctly identifies X, Y and Z.



10. Read the given statements and select the option that identifies the INCORRECT one(s).

- (i) Radioactive wastes dumped into soil causes soil pollution.
  - (ii) Overgrazing of land by animals like cow and buffalo can cause increased soil erosion.
  - (iii) Building embankments along river sides can prevent soil erosion due to wind.
  - (iv) Cutting hill slopes into steps and planting trees there can prevent soil erosion.
- (A) (i) and (iii) only      (B) (iii) only      (C) (ii) and (iv) only      (D) (iv) only

## ANSWER KEY

1. (A)      2. (B)      3. (C)      4. (C)      5. (D)      6. (A)      7. (C)      8. (A)      9. (C)      10. (B)