



ISO CLASS 8

Sample Paper

Total Questions: 50

Total Marks: 60

Time: 1 hr.

Section – 1 : Crop Production and Management, Micro-organisms, Synthetic Fibres and Plastics, Metals and Non-metals, Coal and Petroleum, Combustion and Flame, Conservation of Plants and Animals, Cell, Reproduction and Endocrine System, Force and Pressure, Friction, Sound, Chemical Effects of Electric Current, Some Natural Phenomena, Light, Stars and the Solar System, Pollution of Air and Water.

Section – 2 : Higher Order Thinking Questions - Syllabus as per Section – 1.

Section – 3 : Verbal and Non-Verbal Reasoning.

PATERN & MARKING SCHEME

Section	Subjective (MCQ)	Hot's	Logical Reasoning
Number of Question	35	5	10
Marks per Question	1	3	1

SCIENCE

1. Acidic solution turns_____

- a) Red litmus blue b) Blue litmus red
c) Red litmus green d) No reaction

2. Which of these is not kharif crop?

- a) rice b) maize
c) wheat d) ground nut

3. Which of these is a contact force?

- a) Magnetic force b) Frictional force
c) Electrostatic force d) Gravitational force

4. Which of the following is a non- polluting fuel for vechiles?

- a) petrol b) diesel
c) kerosene d) CNG

5. Polythene is a polymer which is used to make_____

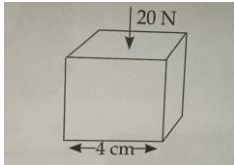
- a) Tyres b) Shoes
c) Plastic containers d) Textiles

6. The speed of sound in air is_____

- a) 331 m/s b) 665 m/s
c) 1550 m//s d) 173 m/s

HOTS

7. A force of 20N is distributed uniformly on one surface of a cube of edge 4 cm. The pressure on this surface is



- a) 12,500 Pa b) 5000 Pa
c) 2400 Pa d) 1250 Pa

8. In a cycling race, it is observed that a cyclist normally bends his body forward (as shown in the given figure). The cyclist bends in order to



- a) Feel comfortable b) Reduce his weight
c) Reduce the air drag d) Increase energy consumption

LOGICAL REASONING

9. In a certain code TURN is written as VWTP, then how is WALK written in that code?

- a) VCMN b) YCNM
c) BMN d) YCON

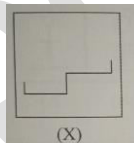
10. Choose the odd one from the given option.

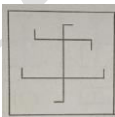
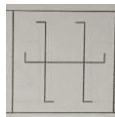
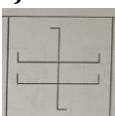
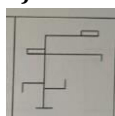
- a) Spanner b) Shovel
c) Spade d) Rave

11. If ZOO stands for 56, DEER stands for 32 then for which numerical value LION stands for?

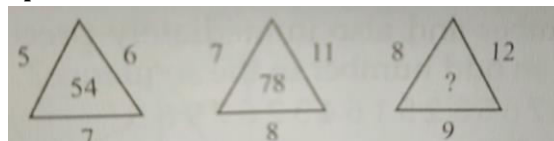
- a) 48 b) 49
c) 50 d) 51

12. In given figure (X) is embedded in any one of the four alternative figures (A), (B), (C) or (D). Find the alternative which contains fig.(X) as its part.



- a)  b) 
- c)  d) 

13. Observe the given pattern and choose the correct option



- a) 85 b) 86
c) 87 d) 89



GG RS LEARNING HUB PVT. LTD.

ANSWER KEY

1. B

2. C

3. B

4. D

5. C

6. A

7. A

8. C

9. B

10. A

11. C

12. C

13. C

OLYMP QUIZ