

ISO CLASS 6

Sample Paper

Total Questions: 50

Total Marks: 60

Time: 1 hr.

Section – 1 : Motion and Measurement of Distances, Light, Shadows and Reflections, Electricity and Circuits, Fun with Magnets, Our Environment (Water, Air Around us, Garbage in Garbage out), Sorting and Separation of Materials, Changes Around Us, The World of Living (Characteristics of Living Beings, Parts of Plants, Body Movements in Animals and Adaptation), Food and its Components, Fibre to Fabric.

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

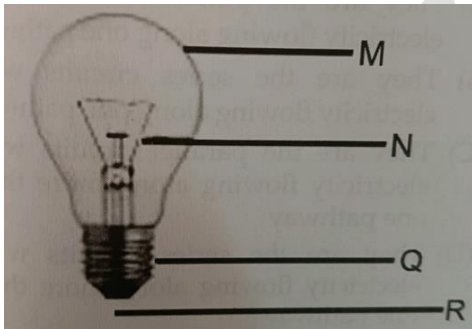
Section – 3 : Verbal and Non-Verbal Reasoning.

PATERN & MARKING SCHEME

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

SCIENCE

1. Which part of the bulb is an insulator?



- a) M b) N
c) R d) Q

2. Which of the following is used to make a permanent magnet?

- a) Nickel b) Aluminium
c) Steel d) Iron

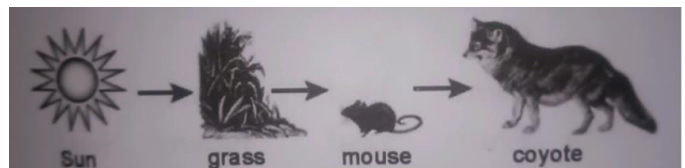
4. Which of the following will not form a circular shadow?

- a) A CD b) Shoe box
c) Ice-cream cone d) A ball

5. The organisms that feed on both plant and animal products are called _____

- a) Herbivores b) Carnivores
c) Omnivores d) Consumers

6. The diagram below shows a simple food chain. Which of the following animals might compete with the coyote in this food chain?



3. Movement of a branch of a tree in air is an example of

- a) Random motion b) Circular motion
c) Periodic motion d) Rotational motion

a)



b)



c)



d)

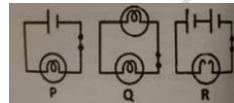


HOTS

7. If opacity is the distinct feature of wood, then what is glass known for in the same way?

- a) Its transparency b) Its magnetic nature
c) Its conductivity to heat d) Its lustrous nature

8. Identify the circuit diagram in which the bulb does NOT light up.



- a) Only P and Q b) Only Q and R
c) Only R and P d) P, Q and R

LOGICAL REASONING

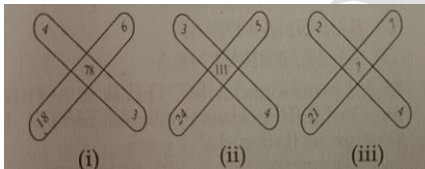
9. Find out the word from the given alternatives, having the same relation with this word as the words of the given pair bear. Physician: Treatment :: Judge: ?

- a) Punishment b) Judgement
c) Lawyer d) Court

12. In a certain code, INACTIVE is written as VITCANIE. How is COMPUTER written in the same code?

- a) UTEPMOCR b) MOCPETUR
c) ETUPMOCR d) PMOCRETU

10. Study the pattern and find the missing number.

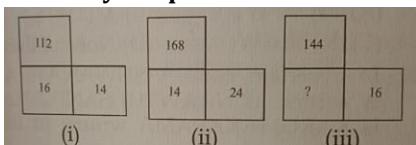


- a) 98 b) 96
c) 99 d) 108

13. In the given series 7 4 5 7 6 8 4 2 1 3 5 1 7 6 8 9 2 how many pairs of alternate numbers have a difference of 2?

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

11. Study the pattern and find the missing number.



- a) 14 b) 16
c) 18 d) 21



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ANSWER KEY

1. D

2. C

3. A

4. B

5. C

6. B

7. A

8. B

9. B

10. A

11. C

12. C

13. C

OLYMP QUIZ