



Time: 1.30 hour

Standard 7 SCIENCE

Marks: 30

Part - I

I. Choose the correct answer:

5×1=5

- 1) Light that hits a mirror gets _____
 a) Transmitted b) Reflected c) Absorbed d) Refracted
- 2) The moon takes _____ days to complete one revolution around the Earth
 a) 25 b) 26 c) 27 d) 28
- 3) With the launch of this satellite, ISRO became capable of launching 4 ton heavy satellites.
 a) GSAT-13 b) GSAT-14 c) GSAT-17 d) Way par GSAT-19
- 4) A synthetic fibre which has similar properties to wool is _____
 a) Nylon b) Polyester c) Acrylic d) PVC
- 5) _____ is a non-bio degradable material
 a) paper b) A plastic bottle c) Cotton cloth d) Wool

II. Fill in the blanks:

2×1=2

- 6) Reflection of light from rough surface is called _____.
- 7) The fully natural fibre is called _____.

III. True or False. If false give the correct answer:

2×1=2

- 8) A shadow is formed on the sameside of the object as the source of light.
- 9) The word crescent refers to the phases where the moon is less than half illuminated.

IV. Analogy:

1×1=1

- 10) Nylon : melts on heating : silk : _____

V. Match it:

5×1=5

- | | | |
|-------------------|---|-------------------------|
| 11) Plane Mirror | - | Wood Pulp |
| 12) The Sun | - | GSLV Mark III M1 |
| 13) Chandrayaan-2 | - | PSLV-XLC25 |
| 14) Mangalyaan | - | Periscope |
| 15) Rayon | - | Primary Source of Light |

Part - II

VI. Answer the following questions in short: (Answer any 5 questions) 5×2=10

- 16) With the help of a diagram, state the laws of reflection.
- 17) What are Luminous objects?
- 18) What are the properties of shadow?
- 19) Give the expansions of PSLV and GSLV.
- 20) Name the four different types of galaxies.
- 21) What is the chemical name of the polymers that make up cotton?
- 22) It is not advisable to burn plastic and synthetic fabrics. Why?
- 23) Give two examples of thermosetting plastics.

Part - III

VII. Answer the following questions in short: (Answer any 1 question) 1×5=5

- 24) What are the difference between luminous and non-luminous objects? Give two examples of each.
- 25) Explain the waxing and waning phases in Venus.
- 26) List the advantages and disadvantages of synthetic fibres!