

THIRD MID TERM TEST - 2023

Standard - VII

Time: 1.30 hrs

SCIENCE

Marks: 50

I Answer all the questions.

10x1=10

1. Light is a form of _____
a) matter b) energy c) medium d) particle
2. _____ surface reflects the light well.
a) water b) compact disc c) mirror d) stone
3. The image formed by a pinhole camera is inverted because,
a) light travels in straight lines
b) light rays become laterally inverted as they pass through a pinhole camera.
c) light rays pass through the pinhole.
d) light rays get reflected
4. The moon takes _____ days to complete one revolution around the earth.
a) 25 b) 26 c) 27 d) 28
5. Telescope was invented by
a) Han Lippershey b) Galileo c) Nicolus coppernicus d) ptolomy
6. 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) GSAT-19
7. PET is the acronym for _____
a) polyester b) polyester and terylene
c) polyethylene tenephthalate d) polyetheneterylene
8. The first man-made fibre is _____
a) nylon b) polyester c) rayon d) cotton
9. Which of the following is the strongest?
a) rayon b) nylon c) acrylic d) polyester
10. _____ is a non-biodegradable material.
a) paper b) a plastic bottle c) cotton cloth d) wool

II Fill in the blanks:

5x1=5

11. Sunlight is a blend of _____ colours.
12. Reflection of light from rough surface is called _____ reflection.
13. Waxing of moon means _____
14. A Nature fibre is called _____
15. A Natural fibre obtained by boiling cocoons is called _____

(2)

VII Science**5x1=5****III True or False**

16. Rainbow is formed by dispersion of which light by water drops.
17. We see planets because they reflect light from the sun.
18. The image formed in a plane mirror is upside down.
19. Our milky way galaxy is identified as an elliptical galaxy.
20. A lot of plastic pollutes our environment.

IV Match the following**5x1=5**

- | | | |
|---------------------|---|-------------------------|
| 21. The sun | - | GSLV Mark III M1 |
| 22. The moon | - | PSLV - XLC 25 |
| 23. Chandrayaan - 2 | - | Fibre |
| 24. Mangalyaan | - | Primary source of light |
| 25. PVC | - | Non-luminous object |

V Give answers any five:**5x2=10**

26. What are the properties of shadow?
27. What do you mean by visible light?
28. What is constellation?
29. Give the expansions of PSLV and GSLV.
30. What does the term biodegradable mean?
31. What is the 5R principle?
32. Why is it better to avoid the use of plastic products?
33. Analogy:
 - i) cotton : natural :: polyester: _____
 - ii) PLA spoon : compostable :: plastic spoon : _____

VI Answer the following in details any 3 questions :**3x5=15**

34. What are the characteristics of an image formed in a plane mirror?
35. Suggest safe methods of disposing plastics.
36. Explain the waxing and waning phases in Venus.
37. What are regular and irregular reflection? Explain with the help of diagrams.
38. List the advantages and disadvantages of synthetic fibres.
