

US-MC

7S-M3B

Third Mid Term Test - 2025

Standard VII

SCIENCE

Time : 1.30 hrs.

Marks : 50

Section - I

I. Note : i) Answer all the questions.

ii) Choose the correct answer.

10x1=10

1. Light that hits a mirror gets
 - a) Transmitted
 - b) Reflected
 - c) Absorbed
 - d) Refracted
2. Light is a form of
 - a) matter
 - b) energy
 - c) medium
 - d) particle
3. Choose the opaque material from the following.
 - a) Eye glass
 - b) Window glass
 - c) Clear water
 - d) Stone
4. Reflection occurs, when the light
 - a) about to reach a surface
 - b) approaches a surface
 - c) passes through a surface
 - d) none of these
5. 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
6. The first man - made fibre is
 - a) Nylon
 - b) Polyester
 - c) Rayon
 - d) Cotton
7. A synthetic fibre which has similar properties to wool is
 - a) Nylon
 - b) Polyester
 - c) Acrylic
 - d) PVC

US-MC

2

7S-M3B

8. PET is the acronym for
- Polyester
 - Polyetheneterylene
 - Polyester and terylene
 - Polyethylene terephthalate
9. A good application of plastic is the use of
- Blood bags
 - Plastic cutlery
 - Plastic straws
 - Plastic carry bag
10. is a non - biodegradable material.
- Paper
 - A plastic bottle
 - Cotton cloth
 - Wool

II. Fill in the blanks :

5x1=5

11. A light reflection helps us to see the objects.
12. The sunlight can be split into its constituent colours using Prism.
13. Resid. codes are used to identify different types of plastics.
14. A natural fibre obtained by boiling cocoons is called Silk.
15. ambhatta was the creator of the first plastic called 'Parkesine'.

Section - II

about
30. of 5% dispose
^ plastic

- III. Note : i) Answer Shortly.
ii) Answer any ten questions.

10x2=20

16. Define Incandescent sources. Give example.
17. What do you mean by visible light?
18. How do you obtain a spectrum of light?

US-MC**3****7S-M3B**

19. Write the laws of reflection.
20. How are shadows formed?
21. What do you mean by lateral inversion?
22. What gives plastic different qualities and characteristics?
23. **Analogy :**
- i) Cotton : Natural : Polyester :
- ii) Nylon : Melts on heating : Silk :
24. Why is it better to avoid the use of plastic products?
25. What does the term biodegradable mean?
26. How do plastics impact animals and the environment?
27. What is the 5R principle?

Section - III

- IV. Note :** i) Answer four questions by choosing questions from each parts.
ii) Each questions. 3x5=15

Part - I

28. a) What are regular and irregular reflection? Explain with the help of diagrams.

(OR)

- b) Compare the images formed by plane mirror with that by pinhole camera.

Part - II

29. a) Differentiate between a reflection and a shadow.

(OR)

- b) List the advantages and disadvantages of synthetic fibres.