

FORMATIVE ASSESSMENT – THIRD MID TERM

SCIENCE

Max. Marks: 50

Std - VII

Time: 2 Hrs

Name of the School:	Name of the Student:
Place:	Roll No.:

I. Choose the correct answer: 10 × 1 = 10

1. A lunar eclipse occurs when the _____ comes between the _____.

a. earth, sun and moonb. sun, earth and moonc. moon, earth and sund. any one of these occur
2. Optic fibre is the fastest medium of communication because _____.

a. it obeys laws of reflectionb. it is made of glassc. it is cheap and easy to make d. light is the fastest
3. Shadows are formed when light falls on a _____ surface.

a. transparentb. opaquec. translucentd. smooth
4. Pick the odd one out of the following options.

a. polyesterb. acrylicc. nylond. rayon
5. Nylon is used in making _____.

a. parachutesb. ropesc. toothbrushesd. all of the above
6. The isolated area from the environment where disposable waste are sent and then buried underground is called _____.

a. dumpb. watershedc. oceand. landfill
7. Workers bees are _____ females.

a. sterileb. fertilec. both a and bd. none of these
8. This animal fibre is used in parachutes.

a. silkb. both a and cc. woold. none of these
9. Which one of these is not an animal fibre? _____.

a. juteb. none of thesec. woold. both a and c
10. This wool is got from a rabbit _____.

a. Angora woolb. yak woolc. none of these d. both a and b

II. Fill in the blanks: 5 × 1 = 5

11. An object appears black because _____.

12. The image formed by a pinhole camera is inverted because _____.

13. _____ is a natural polymer.

14. _____ plastics cannot be recycled naturally and cause environment pollution.
15. Poultry products are a rich source of _____.

III. Answer the following question: (any 10)

10 × 2 = 20

16. State the laws of reflection.
17. Differentiate a mirror and a glass plate.
18. The incident ray from a source of light is at an angle of 30° from the surface. Find the angle of reflection.
19. List any four characteristics of synthetic fibres?
20. Match the following:
- a. Nylon - thermoplastic
 - b. PVC - thermosetting plastic
 - c. Bakelite - non-stick cookwares
 - d. Teflon - wood pulp
21. Give three examples that are considered household hazardous waste.
22. Analogy:
- a) Repairing of the honey bee : apiculture : Rearing of silkworm : : _____.
 - b) Alpaca, Mohair : Types of wool : Eri, Muga : : _____
23. What is incubation?
24. Assertion: Eggs are highly nutritious and rich in protein.
Reason: They are consumed in the daily diet by people of all ages.
- a) Both assertion and reason are true and the reason is the correct explanation of the assertion
 - b) Both assertion and reason are true, but the reason is not the correct explanation of the assertion.
 - c) The assertion is true, but the reason is false.
 - d) The assertion is false, but the reason is true.
25. Name an organization involved in wildlife conservation.
26. Match the following:
- a. Wool - silkworm
 - b. Eggs - oysters
 - c. Pearl - hen
 - d. Silk - sheep
27. List any four natural polymers.
28. Complete the sentences by giving reason.
- a) Shadows are formed because _____.
 - b) An object appears black because _____.

IV. Answer in detail: (any 3)

3 × 5 = 15

29. Explain the principle, construction, and working of a pinhole camera.
30. Explain why one should avoid using plastics.
31. What are the different ways in which we can care for domestic animals?
32. Define the different terms in optics related to reflection.