



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 x 1 = 10

- 1. Shadows are formed when light falls on a _____ surface.
a) transparent b) opaque c) translucent d) smooth
- 2. Of the following _____ is the best reflector and _____ is a poor reflector.
a) wall, glass b) steel spoon, wood
c) plastic cup, paper cup d) both a and c
- 3. The nature of an image formed in a mirror is _____.
a) virtual, diminished and laterally inverted b) virtual, same size and laterally inverted
c) real, inverted and magnified d) real, same size and laterally inverted
- 4. Optical fibre is the fastest medium of communication because _____.
a) it obeys laws of reflection b) it is made of glass
c) it is cheap and easy to make d) light is the fastest
- 5. Pick the odd one of the following options _____.
a) Polyester b) Acrylic c) Nylon d) Rayon
- 6. _____ glass is used for oven proof objects.
a) PYREX b) Green-tinted c) Toughened d) Bullet proof
- 7. Choose an example of a thermo setting plastic. _____.
a) PVC b) Bakelite c) Polythene d) PET
- 8. Yeast belongs to the kingdom _____.
a) plantae b) fungi c) animalia d) protista
- 9. Pisces are _____ organisms.
a) cold blooded b) warm blooded c) normal d) none of these
- 10. Scientific naming was proposed by _____.
a) Aristotle b) Linnaeus c) R.H. Whittaker d) Ernst Haeckel

II. Answer the following: (Any 7) 7 x 2 = 14

- 11. Fill in the blanks with suitable words.
a. Light falling on a mirror undergoes _____.
b. A _____ works on the principle of reflection and is used to see elevated objects.
- 12. Match the following:
a) Light (i) Moon
b) Plane mirror (ii) Form of energy
c) Non luminous (iii) Splitting of white light
d) Spectrum (iv) Opaque
- 13. Complete the sentences by giving reasons: Rainbow is formed because _____.

14. Match the following.
- a) Nylon - Thermosetting plastic
 - b) PVC - Fibre
 - c) Bakelite - Non-stick cookwares
 - d) Teflon - Thermoplastic
15. List any four natural polymers.
16. Give three examples that are considered house hold hazardous waste.
17. Place the following organisms under the correct phylum.
[starfish, Snail, Hydra, Leech]

	ORGANISM	PHYLUM
a)		Annelida
b)		Mollusca
c)		Echinodermata
d)		Coelenterata

18. Define classification.
19. Give examples of organisms belonging to the Kingdom Monera.

III. Answer the following (Any 3):

3 x 4 = 12

20. State the laws of reflection.
21. Define the different terms in optics related to reflection.
22. Differentiate between biodegradable and non-biodegradable plastics.
23. Name the Phylum in the Kingdom Plantae and give examples of each.
24. List the ground rules of binomial nomenclature.

IV. Answer in detail: (Any 2)

2 x 7 = 14

25. a) Who proposed the five Kingdom classification? Why was it accepted by scientists world wide?
- b) Give any 3 reasons why classification is so important to us.
26. Explain the stages of processing of wool.
27. Explain the formation of an eclipse.
28. Explain the different types of medium based on interaction of matter with light.