



Worksheet – 5
Session: 2023-24
Subject: Biology
Class: VIII

1. Choose the correct option:

- i. Which is the synthetic fibre out of the following?
 - a) cotton
 - b) Nylon
 - c) Jute
 - d) Wool
- ii. Which is a Thermosetting plastic ?
 - a) Melanin
 - b) Polythene
 - c) PVC
 - d) Nylon

2. Choose any one of the following four responses:

- a) Both Assertion and Reason are true and the Reason is the correct explanation of the Assertion.
 - b) Both Assertion and Reason are true and the Reason is not the correct explanation of the Assertion.
 - c) Assertion is true but reason is false.
 - d) Both assertion and reason are false.
- i. **Assertion:** Bakelite is used for making electrical accessories such as plugs and switches.
Reason: It is a bad conductor of electricity.
 - ii. **Assertion:** Thermocole is called polystyrene.
Reason: It is far heavier than Polythene.

3. Differentiate between the following:

- i. Thermoplastic and Thermosetting plastic.
- ii. Biodegradable and Non-biodegradable

4. Answer the following questions:

- i. 'A Bucket made up of plastic does not rust like a bucket made of iron'. – why?
- ii. A lady went to a market to buy a blanket. The shopkeeper showed her blankets made of acrylic fibres as well as made of wool. She preferred to buy an acrylic blanket. Can you guess why?