



BAL BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI – 110034

CLASS:- VIII

SUBJECT:- CHEMISTRY

CHAPTER:- SYNTHETIC FIBRES AND PLASTICS

REVISION ASSIGNMENT

GUIDELINES

Dear students,

- Refer to the content given in the previous two E-Lessons and kindly go through the links provided earlier to have better understanding of the concepts already discussed in the earlier lessons.
- The revision assignment given below has to be attempted in the Chemistry notebook.

INSTRUCTIONS

- It is mandatory to attempt all questions given below.
- Mention the question number of each answer.
- In objective-type questions, you must write the complete statement along with the correct answer.

Q.1 Multiple Choice Questions:

(i) Which of the following material is a mixture of two fibres?

- a) Jute
- b) Polywool
- c) Polyester
- d) Nylon

(ii) One of the advantages of nylon over rayon is that nylon

- a) Is wrinkle free.
- b) Has low elasticity.
- c) Is a natural fibre.
- d) Is a good conductor of electricity.

(iii) Firefighters' uniform is coated with a plastic that is fire resistant. Identify the plastic from the given options.

- a) Teflon
- b) Melamine
- c) PET
- d) Polyester

(iv) Select the correct option from the given statements.

- a) Polymers cannot form fibres.
- b) Polymers can be both natural and synthetic.
- c) Polymer is a natural substance.
- d) Polymer is a synthetic substance.

(v) Petrochemicals are

- a) mixtures of petrol and chemical fertilizer.
- b) materials obtained from petroleum refining.
- c) mixtures of coal and petrol.
- d) mixtures of wood and chemicals.

(vi) Assertion: Acrylic fibres are used in making socks and shawls.

Reason: Acrylic fibres are a replacement of woollen fibres.

- 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 correct for the assertion.
- c) The assertion is true but the reason is false.
- d) The assertion is false but the reason is true.

(vii) Pickles are stored in plastic bottles mainly because they are

- a) non-biodegradable
- b) good insulators
- c) durable
- d) non-reactive

(viii) Which of the following groups contain only synthetic polymers?

- a) Nylon, Terylene, Wool
- b) Cotton, Polycot, Rayon
- c) PVC, Polythene, Bakelite
- d) Acrylic, Silk, Wool

Q.2 SHORT ANSWER TYPE QUESTIONS

- i) Why is nylon considered to be a good material for making fishing nets?
- ii) Why are electric plugs and switches made of plastic?
- iii) Why are plastic bottles commonly used to store chemicals in a chemistry laboratory?
- iv).What can be used as a substitute for wool? Why?
- v).Why is nylon used for making socks?
- vi).Why do people prefer wearing cotton clothes over synthetic during summer?
- vii).Why should Polyester clothes be avoided in kitchen?