



BAL BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI – 110034

CLASS:- VIII E LESSON CHEMISTRY 21ST MAY 2020

CHAPTER:- SYNTHETIC FIBRES AND PLASTICS

REVISION ASSIGNMENT

GUIDELINES

Dear students

- Refer to the content given in the previous 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 Fill in the blanks: –

1. _____ fibre is also called artificial silk.
2. Electrical switches are made of _____.
3. The process of combining monomers to form a polymer is called _____.
4. Rayon is a fiber regenerated from _____.
5. _____ is often used as substitute for wool.
6. _____ is used as a coating on the surface of non- stick frying pans.
7. _____ synthetic fiber is commonly used to make strong ropes.
8. _____ are long- chain polymers made by linking of several ester units.
9. _____ plastics are set into a particular shape and cannot be re-moulded.
10. _____ is the most common source for synthetic fibers.
11. Plastic are an example of _____.

Q2. Answer the following Multiple-Choice Questions (MCQs):

- i) The plastics that can be molten repeatedly and given new shapes are called:
 - a) Thermoplastics
 - b) Thermosetting plastics
 - c) Elastomers
 - d) Monomers

- ii) Cheap sweaters are made of:
- a) Polyester
 - b) Polycot
 - c) Cotton
 - d) Acrylic
- iii) PET is a common form of polyester used to make:
- a) Bottles
 - b) Locks
 - c) Mobile phones
 - d) Almirahs
- iv) The fibre similar to silk is:
- a) Nylon
 - b) Terene
 - c) Rayon
 - d) Terylene
- v) To make bed sheets, rayon is mixed with:
- a) Wool
 - b) Silk
 - c) Cotton
 - d) Jute
- vi) Biodegradable material get decomposed by the action of:
- a) Water
 - b) Air
 - c) Moisture
 - d) Bacteria
- vii) Plastic is not environment friendly because it:
- a) Takes several years to decompose.
 - b) Gets easily decomposed.
 - c) Cannot be disposed.
 - d) Is not eaten by the animals.
- viii) Cotton dresses are preferred in summer because they:
- a) Look good.
 - b) Are wrinkle free.
 - c) More durable.
 - d) Soak sweat.

- ix) While working in a laboratory, one should wear clothes made of :
- Nylon
 - Acrylic
 - Polyester
 - Cotton
- x) You should throw the wrappers of the food products into the :
- Drain.
 - Grass of the parks.
 - Road side,
 - Separate dustbins.

Q3. Short Answer Type Questions

- Cotton is a natural polymer. What is its chemical name?
- A synthetic fiber which looks like silk is obtained by chemical treatment of wood pulp. It is, therefore, known as artificial silk. What is its common name?
- Terrycot is made by mixing two types of fibres. Write the names of the fibres.
- Plastic is used for making a large variety of articles of daily use and these articles are very attractive. But it is advised to avoid the use of plastic as far as possible. Why?
- Why is it not advisable to burn plastic and synthetic fabrics?
- Select the articles from the following list which are biodegradable.
 - paper
 - woolen clothes
 - wood
 - aluminium can
 - plastic bag
 - peels of vegetables
- A bucket made of plastic does not rust like a bucket made of iron. Why?
- Match items in List A with the items of list B.

List A	List B
(a) nylon	(i) non-stick coating
(b) PET	(ii) electric switches
(c) rayon	(iii) parachutes
(d) thermosetting plastics	(iv) polyester
(e) teflon	(v) artificial silk

Q4. Complete the crossword given below with the help of clues.



Across

1. Substance used as synthetic wool (7)
2. A plastic used for making containers and carry bags (9)
3. Substance made up of large number of smaller molecules (7)
4. Another name for this compound is artificial silk (5)

Down

5. A type of fibre obtained naturally from cocoon (4)
6. A synthetic fibre classified as polyester (8)
7. A polymer used for making rope (5)
