

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.1Fill 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 are 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

	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.

ii)

iii)

Cheap sweaters are made of:

PET is a common form of polyester used to make:

a) Polyesterb) Polycotc) Cottond) Acrylic

a) Bottles

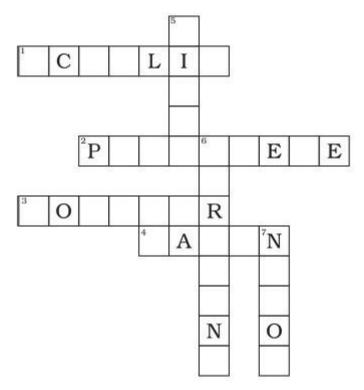
- ix) While working in a laboratory, one should wear clothes made of :
 - a) Nylon
 - b) Acrylic
 - c) Polyester
 - d) Cotton
- x) You should throw the wrappers of the food products into the :
 - a) Drain.
 - b) Grass of the parks.
 - c) Road side,
 - d) Separate dustbins.

Q3. Short Answer Type Questions

- 1. Cotton is a natural polymer. What is its chemical name?
- 2.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?
- 3. Terrycot i s made by mixing two types of fibres. Write the names of the fibres.
- 4.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?
 - 5. Why is it not advisable to burn plastic and synthetic fabrics?
 - 6.Select the articles from the following list which are biodegradable.
 - (a) paper
 - (b) woolen clothes
 - (c) wood
 - (d) aluminium can
 - (e) plastic bag
 - (f) peels of vegetables
 - 7. A bucket made of plastic does not rust like a bucket made of iron. Why?
 - 8. Match items in List A with the items of list B.

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