

SCIENCE ASSIGNMENT CLASS-VIII

SYNTHETIC FIBRE AND PLASTICS

1. Write properties of the following and

Give examples:-

- Rayon
- Nylon
- Acrylic
- Polyester

2. Name them:-

- Synthetic fibre that replaces wool?
- fibre known as artificial silk?
- Another name for lycra?
- Full form of PET?
- Full form of PVC?
- Full form of LDPE?
- Plastics used to make electrical switches?
- Plastics used to insulate electrical wires?

3. Write any two uses of:-

- Polyvinyl chloride
- Polyethylene terephthalate
- Polystyrene

4. Difference between thermoplastics and thermo setting plastics?
5. Why is synthetic fibre preferred over natural fibre?
6. Why is plastic bucket more popular than iron bucket?
7. Write the health hazards associated with plastics?
8. How plastic is responsible for polluting our environment?
9. Give three reasons to curb plastic pollution.

AIR AND WATER POLLUTION

ANSWER THE FOLLOWING QUESTIONS:

1. What is global warming?
2. Write its causes.
3. What are the effects of global warming?

4. What is acid rain?
5. Write any three effects of acid rain.
6. What is marble cancer?
7. What is water pollution? Write any 3 causes of water pollution.
8. Write three ways to prevent water pollution.
9. What is algal bloom?
10. What is Eutrophication?
11. Write the methods to purify water at small scale?

CHAPTER-14 AND 15

1. DRAW THE DIAGRAMS OF THE FOLLOWING:
 - Budding in hydra
 - Binary fusion in Amoeba
 - Life cycle of butterfly
 - Fertilisation of an egg cell
2. Differentiate between:
 - Viviparous and Oviparous animals
 - Sperm and Ovum
 - Internal and external fertilization
 - Menarche and Menopause
3. Name the sex chromosome of a man and a woman.
4. Which sex cell can move on its own.
5. Mention any one function of each:
 - Testes
 - Vas deference
 - Uterus
 - Fallopian tube
 - Ovary
6. Differentiate between :
 - Exocrine and Endocrine gland
7. Give reasons:
 - AIDS is considered as “syndrome” and not a disease.
 - It is advisable to take iodised salt in diet.
 - Diabetic patient are treated with insulin.
8. How can a sex of a baby be determined. Draw the diagram.

9. What will be the sex of the baby when X chromosome of a sperm fertilizes with X chromosome of an egg.
10. What are hormones?
11. Write the glands of endocrine system also give the hormones secreted, location, function of the hormones.
12. Write any three secondary sexual characteristics of a boy and a girl?
13. What is an Adam's apple?

CHAPTER-16 AND 17

1. Differentiate between:
 - Rabi crop and Kharif crop
 - Natural fertilizer and Chemical fertilisers
2. Write the steps involved in crop production.
3. What is ploughing? Why is it important?
4. Write the disadvantages of manual sowing.
5. Write the different traditional and modern methods of irrigation.
6. What are weeds?
 - Give two examples.
 - Why is weeding important?
 - Name any two weedicides and two implements used for weeding.
7. Write the disadvantages of using weedicides and pesticides.
8. How is winnowing different from threshing.
9. Define crop rotation.
10. How is it done to increase the yield of crops?
11. Why is it called environment friendly?
12. Define with example:
 - Endemic species
 - Migratory species
 - Flora and fauna
 - Extinct species
 - Endangered species
13. What is deforestation? what are its causes.
14. Name them:
 - Two national parks
 - Wild life sanctuary
 - Zoological park
15. What is poaching? Why is it done.
16. What is biosphere reserve? Name any two.

