

Class-VIII
Subject- Science
Practice Assignment-2

Q1 Green plastids are also called-

- (a) chromoplasts**
- (b) chloroplasts**
- (c) chromatin**
- (d) none of these**

Q2 Thread-like body that lies in the nucleus of the cell is-

- (a) cytoplasm**
- (b) chromosome**
- (c) nucleoplasm**
- (d) mitochondrion**

Q3 Name four important products of petroleum and give their uses.

Q4 Draw a labelled diagram of fractional distillation of petroleum.

Q5 List five things that you can do to help in preventing an energy crisis.

Q6 Why is more care needed to store kerosene than coal, though both are fuels?

Q7 Why is water not suitable for extinguishing a fire in an electrical appliance?

Q8 How a soda-acid type fire extinguisher works? Explain with the help of diagram.

Q9 Name the different zones of a candle flame. Give details of the conditions in each zone.

Q10 What is meant by the term cell division? Why is cell division necessary?

Q11 Draw a labelled diagram to show the structure of plant and animal cell.

Q12 Why do only plant cells have plastids, animal cell do not?

Q13 What is metamorphosis? List the various stages in the life cycle of a mosquito.

Q14 Why is it that dogs always produce several puppies whereas human beings usually produce only one child at a time?

Q15 Draw a labelled diagram of female reproductive system.

Q16 Tomatoes are red and leaves are green. Why?

Q17 Case study :-

Global warming has become a threat before the world. We often read the causes of global warming in news papers and most of the time we find that according to experts burning of fuel is a major cause of global warming.

- a) Explain why burning of fuel is the major cause of global warming?**
- b) How is coal tar obtained and what are the uses of coal tar?**

Q18 Case study:-

There was a beautiful girl in palampur village. She had curly black hairs and blue eyes. The colour of her eyes was blue because her father had blue coloured eyes and she had curls in her hairs because the hairs of her mother was curly too.

a) If a person has blue eyes, his son/daughter may also have blue eyes. Why ?

b) Explain any two functions of cell membrane.