

Class 8 Science

Summer Vacation Homework

Chapter 1 - Crop Production and Management

Chapter 3 - Coal and Petroleum

Chapter 5 - Conservation of Plants and Animals

General Instructions

- Write all answers neatly in your science notebook.
 - Draw neat and labelled diagrams.
 - Learn all important definitions and keywords.
 - Complete the homework in your own handwriting.
-

Chapter 1: Crop Production and Management

Answer the Following Questions:

- 1 What is agriculture?
- 2 Name the various agricultural practices.
- 3 What is ploughing? Why is it important?
- 4 Differentiate between manure and fertilizers.
- 5 Explain the process of irrigation.
- 6 What are weeds? How can they be controlled?
- 7 Why is storage of grains important?
- 8 Explain animal husbandry in short.
- 9 What is crop rotation?
- 10 Name two Kharif crops and two Rabi crops.

Diagram / Drawing Work:

- Agricultural tools
 - Sprinkler irrigation system
 - Drip irrigation system
-

Chapter 3: Coal and Petroleum

Answer the Following Questions:

- 1 What are natural resources?
- 2 Why are coal and petroleum called fossil fuels?
- 3 Explain how coal is formed.
- 4 What is petroleum refining?
- 5 Name the different constituents of petroleum.
- 6 Write uses of coke, coal tar and coal gas.
- 7 What is CNG? Write its advantages.
- 8 Why should we conserve fossil fuels?
- 9 Differentiate between renewable and non-renewable resources.
- 10 Write any five ways to save petroleum products.

Diagram / Drawing Work:

- Coal formation diagram
 - Petroleum refinery
 - Uses of petroleum products
-

Chapter 5: Conservation of Plants and Animals

Answer the Following Questions:

- 1 What is deforestation?
- 2 Write causes and effects of deforestation.
- 3 What is biodiversity?
- 4 Differentiate between wildlife sanctuary and national park.
- 5 What is a biosphere reserve?
- 6 Why are forests called green lungs?
- 7 Explain the importance of recycling paper.
- 8 What are endangered species?
- 9 Write the importance of Red Data Book.
- 10 How can we help in conservation of plants and animals?

Diagram / Drawing Work:

- Wildlife sanctuary
 - Food chain in forest
 - Deforestation effects
-

Extra Creative Work (Do Any One)

- Prepare a chart showing different types of crops.
- Collect pictures of petroleum products and paste them in notebook.

- Plant a sapling and take care of it during vacation.
- Write five slogans on saving forests and wildlife.

Teacher's Note: Complete the homework neatly and submit after summer vacation.