

PARAGON CONVENT SCHOOL

SECTOR : 24 B, CHANDIGARH

LESSON - 1

GROWING PLANTS

Multiple Choice Questions (Page No. 8)

1. (b) 2. (a) 3. (c)

Multiple Choice Questions (Page No. 10)

1. (c) 2. (a) 3. (a)

EXERCISES

Section-A

Oral Questions

Q1.- Name the different parts of a plant from which a new plant may grow.

Ans.- Following parts of the plant are used to grow new plants :

- (a) Roots (b) underground stems
(c) stems (d) leaves
(e) spores (f) seeds

Q2.- How does water disperse the seeds?

Ans.- The spongy and lightweight fruit of lotus and coconut fall into water, they float and travel with the stream/water waves to far-off places. In this way, water disperses the seeds.

Q3.- Why do we spray insecticides on crops?

Ans.- We spray insecticides on crops to protect them from insects.

Science Quiz

Q1. Name two plants that grow from their underground stems.

Ans.- Ginger and potato/onion

Q2.- Name the crop that are grown in winter season.

Ans.- Wheat, gram and pea

Q3.- Which part of the seed contains food for the baby plant?

Ans.- Cotyledons

Multiple Choice Questions

1. (b) 2. (a) 3. (a) 4. (b)

Fill in the blanks

1. Plants 2. Cotyledons 3. explosion 4. Manuring

Match the following

1. (c) 2. (e) 3. (d) 4. (a) 5. (b)

Identify the seeds and write their names in the spaces provided

1. Cotton 2. Hiptage seed 3. Tiger nail

Section-B

Multiple Choice Questions

1. (c) 2. (a)

Very short answer questions

Q1.- Name the parts of a seed.

Ans.- Seed coat, cotyledons and embryo are the parts of a seed.

Q2.- Name two seeds which are dispersed by animals.

Ans.- Xanthium and burdock seed /tiger nail seeds are dispersed by animals.

Q3.- Name two seeds that have spines.

Ans.- Burdock and Xanthium are the two seeds that have spines.

Short answer questions

Q1.- What is meant by dispersal of seeds?

Ans.- The scattering of seeds away from the mother plant is called dispersal of seeds.

Q2.- Name two seeds each having (a) one cotyledon (b) two cotyledon.

Ans.- (a) Rice and wheat seeds have one cotyledon.

(b) Gram and pea seeds have two cotyledons.

Q3.- What is meant by germination?

Ans.- The growth of baby plant (embryo) within a seed to form seedling (young plant) is called germination.

Q4.- Plants give us many useful things without expecting anything in exchange.

(a) Name any three things that we get from plants.

(b) Should we also help others without expecting anything from them in return?

Ans.- (a) We get fruits, medicines and wood / paper / vegetables from plants.

(b) We should always help others without expecting anything from them in return because what we do for others is more important. This helps us become a good human being.

Long answer questions

Q1.- What is meant by agriculture? Discuss the agricultural activities related to growing a crop.

Ans.- The mass production of plants for food and other purposes is called agriculture.

Various agricultural activities are as follows:

- (a) Ploughing : It helps to loosen the soil.
- (b) Manuring : It helps to add nutrients to the soil.
- (c) Sowing seeds: Plants grow from these healthy seeds.
- (d) Irrigation: It helps to supply sufficient water to the plants to grow.
- (e) Spraying pesticides: It kills the pests and protects the crops.
- (f) Harvesting: When the crop is ready, it is cut and gathered.

Q2.- How do animals and human beings help in the dispersal of seeds?

Ans.- Animals and human beings eat fruits like apple, mango and watermelon and throw away their seeds. These seeds grow into new plants. Some plants, like Xanthium and tiger nail, have hooks or spines. They get attached to the animal bodies or human clothes and are carried to other places. These seeds also grow into new plants. Thus, animals and human beings help in dispersal of seeds.