

Class- 5<sup>th</sup>

Science

Lesson - 1

Plants Growing in Numbers

PDF

Notes

- MCQ
- ORAL QUESTION
- SCIENCE QUIZ
- MCQs
- FILL IN THE BLANKS
- MATCHING
- IDENTIFY AND WRITE THEIR NAME
- MCQs
- VERY SHORT ANSWER
- SHORT ANSWER
- LONG ANSWER



Tick the correct option :-

1. A baby plant is called
- a) Cotyledon  b) Embryo  c) shoot
2. Which of the following seeds is dispersed by air?
- a) Cotton  b) Coconut  c) bean
3. Which of the following is not an agent of dispersal?
- a) water  b) wind  c) soil
4. We can grow a new plant from carrot. It is an example of growing a plant from its
- a) leaf  b) stem  c) root
5. Which of the following plants grows from stem cutting?
- a) Rose  b) ~~Wheat~~ wheat  c) Bryophyllum
6. In the Bryophyllum plant, buds are present in the
- a) leaves  b) stem  c) roots



## ORAL QUESTIONS

CLASSMATE

Date \_\_\_\_\_  
Page \_\_\_\_\_

2

Ques-1 Which parts of the plant are used to grow new plants?

Ans-1 They are as follows :- roots, underground stems, stems, leaves, spores, seeds

Ques-2 How does water disperse the seeds?

Ans-2 Spongy and light fruits like lotus and coconut when fall into water, float and travel with the stream to far-off places. In this way, water disperses the seeds.

B

### [ Science Quiz ]

Ques 1 Name two plants that grow from their underground stems.

Ans - 1 Ginger and Potato .

Ques-2 Name the crops that are grown in winter season .

Ans- 2 Wheat, gram and Pea .

### [ MCQs ]

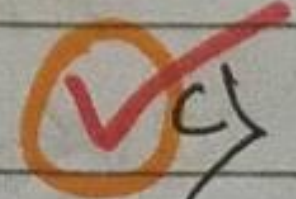
1. Xanthium seeds are mainly dispersed by

a)

air



b) animals



c) water





2. Which of the following is a rabi crop?

- a) wheat  b) rice  c) maize

Fill in the blanks :

- Plants are called our green friends.
- Cotyledons store food for the baby plant.
- Dispersal of balsam seeds takes place by explosion.
- Manuring helps to add nutrients in the soil.

Matching (ANS)

Column A

Column B

1. Kharif crop

rice

2. Rabi crop

wheat

3. seed dispersed by explosion

pea

4. baby plant

seedling

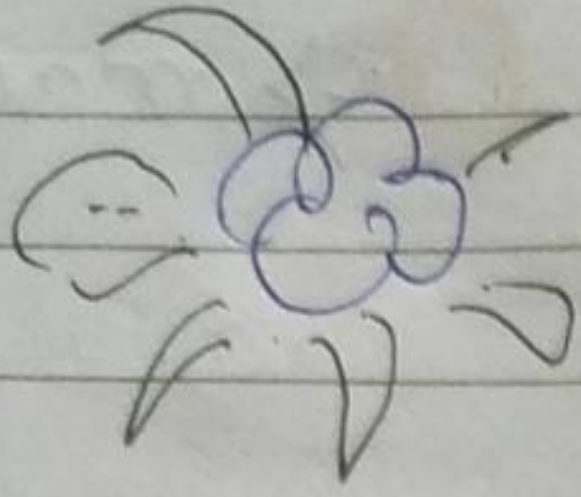
5. seed dispersed by water

coconut



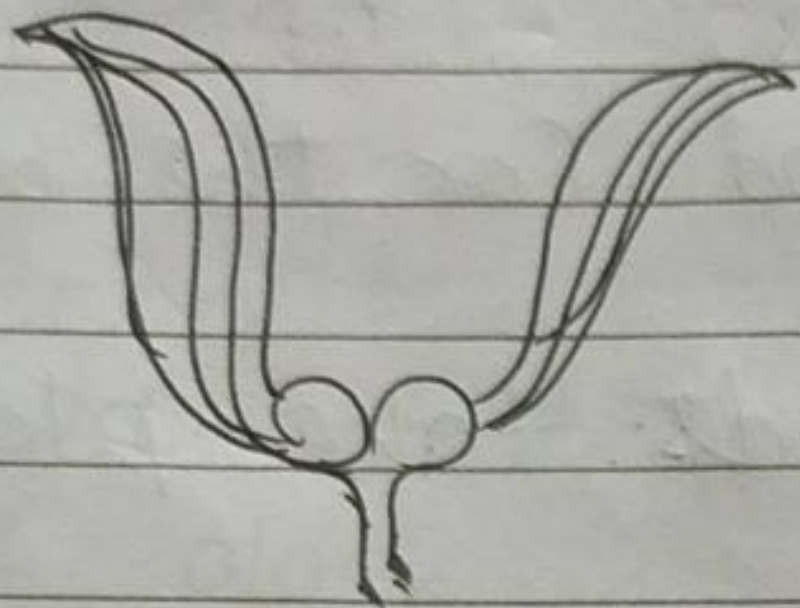
Identify, and write their names :-

1.



Cotton seed

2.



Hiptage seed

3.



Tiger nail

### Section - B

#### [ MCQs ]

1. If we want to grow a new Bryophyllum plant, we need to search its buds on the

- a) roots  b) stem  c) leaves

2. In fern, a \_\_\_\_\_ can grow into a new plant.

- a) spores  b) leaf  c) root



## Very short Answer Questions :

Ques-1. Name the parts of seed.

Ans-1. Seed coat, cotyledons and embryos are the parts of a seed.

Ques-2. Name two seeds which are dispersed by animals.

Ans-2. Xanthium and Tiger nail seeds are dispersed by animals.

## Short Answer Questions :

Ques-1. What is meant by dispersal of seeds?

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

Ques-2. Name two seeds ~~which~~ each having  
a) one cotyledon b) two cotyledons.

Ans a) Rice and wheat seeds have one cotyledons.

b) Gram and pea seeds have two cotyledons.



Ques-3 What is meant by germination?

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

Ques-4. 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 from plants.

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

### [ Long Answer Questions : ]

Ques-1 Define agriculture. Discuss the agricultural activities related to growing a crop.



Ans-1 The mass production of plants for food and other purposes is called agriculture.  
Various agriculture activities are as follows :-

1. Ploughing : It helps to loosen the soil.
2. Manuring : It helps to add nutrients in the soil.
3. Sowing seeds : Plants grow from the seeds.
4. Irrigation : Supply sufficient water to plants.
5. Spraying pesticides : Kill the pests and protect the crops.
6. Harvesting : When the crop is ready, it is cut and gathered.

Ques-2. How do animals and human beings help in the dispersal of seeds?

Ans-2. Animals and human beings eat fruits like apple, watermelon and throw away their seeds. These seeds grow into new plants. Some plants like Xanthium and tiger nail have hooks, and get attached to the animal body or human clothes and wherever it falls can grow a new plant.