



**INDIAN SCHOOL SOHAR**  
**PERIODIC TEST - I (2022-23)**  
**SUBJECT – SCIENCE**  
**CLASS – V**  
**SET –A**

**Date of Exam: 22-5-2022**

**Time Allotted: 40 Minutes**

**Max. Marks: 20**

(Note: This question paper consists of 2 printed pages. Please check that you have all the pages.)

**I. Choose the correct option and write the answer:**

**(1 x 8 = 8)**

1. Identify the seed from the given picture.



- a) maple
- c) cocklebur

- b) dandelion
- d) peas

2. Which part of the rose plant can be used to grow a new plant?

- a) leaves
- c) buds

- b) stem
- d) roots

3. What is the role of the tiny hole present in the seed coat?

- a) it gives rise to the baby roots
- c) it prepares food for the baby plant

- b) the seed gets water through it
- d) it protects the baby plant

4. During the early stages of germination, after the food stored in the cotyledons has been used up, which part begins to prepare food?

- a) root
- c) leaves

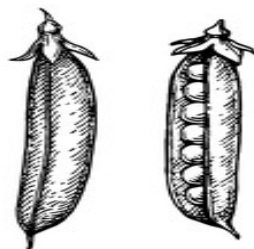
- b) seed hair
- d) bud

5. Choose the INCORRECT statement about seeds.

- a) Seeds are of different shapes, sizes and colours.
- b) On soaking a seed, it expands in size.
- c) Seeds kept in the refrigerator do not sprout.
- d) A seed cannot grow into a big tree.

6. Figure below shows a pea pod. Choose the method of seed dispersal.

- a) by wind
- c) by water

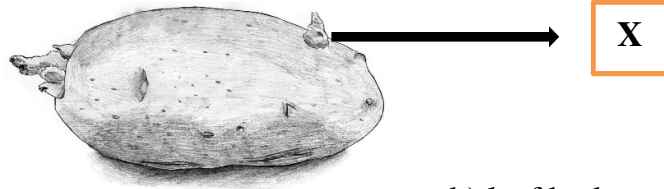


- b) by animals
- d) by explosion

7. Which of the following is not a root?

- a) radish
- b) carrot
- c) ginger
- d) turnip

8. Name the part marked as “X” in the given picture.



- a) bud
- b) leaf bud
- c) root
- d) flower

**II. Answer the following questions:**

**(2 x 3 = 6)**

1. Study the following activity and answer the questions given below:



- a) Mention the things needed for the activity.
  - b) State the observation of the activity.
2. Draw a diagram of structure of a bean seed. Label its parts (any two).
3. Why is soil important for plant growth? (two points)

**III. Answer the following questions in detail:**

**(3 x 2 = 6)**

1. a) Define germination.
- b) Not all seeds germinate into new plants. Give any one reason.
  - c) What happens to the cotyledons when the seed grows into a new plant?
2. a) What is seed dispersal?
- b) What will happen, if you sow many seeds too close to one another?
  - c) Which features in the cocklebur seeds helps them to get dispersed?

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