



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

Date of Exam: 22-5-2022

Time Allotted: 40 Minutes

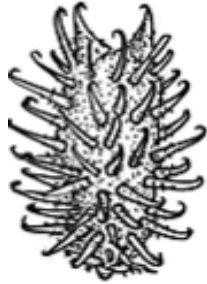
Max. Marks: 20

(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. Figure below shows a guava fruit. Choose the method of seed dispersal.



- a) wind
- c) water

- b) animals
- d) explosion

3. Which of the following plant can be grown from its leaf buds?

- a) carrot
- c) bryophyllum

- b) onion
- d) rose

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) roots
- c) leaves

- b) seed hair
- d) bud

5. Which of the following is a stem?

- a) carrot
- c) ginger

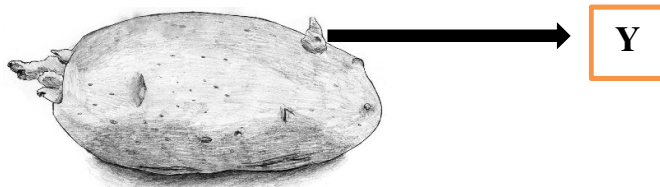
- b) radish
- d) turnip

6. 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

7. Name the part marked as “Y” in the given picture.



- a) bud
- c) root

- b) leaf bud
- d) flower

8. 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.

II. Answer the following questions:

(2 x 3 = 6)

1. Why is soil important for plant growth? (two points)
2. Draw a diagram of structure of a bean seed. Label its parts (any two)
3. 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.

III. Answer the following questions in detail:

(3 x 2 = 6)

1. a) What is seed dispersal?
 - b) What will happen, if you sow many seeds too close to one another?
 - c) Which features in dandelion seeds help them to get dispersed?
2. 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?
