



**INDIAN SCHOOL SOHAR**  
**PERIODIC TEST-I (2024 – 25)**  
**SUBJECT: SCIENCE**  
**CLASS- V**

**SET –B**

**Date of Exam: 19-05-2024**

**Time Allotted: 40 Minutes**

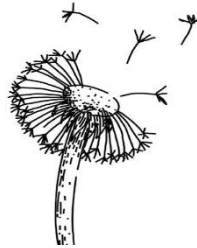
**Max. Marks: 20**

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

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**Q1. Choose the correct answer for the following questions:** ( 1 × 5 = 5)

- i. Mushrooms reproduce through\_\_\_\_\_.
- A. seeds                                      B. leaves                                      C. stem                                      D. spores
- ii. Rice grows well in \_\_\_\_\_ soil.
- A. black                                      B. clayey                                      C. sandy                                      D. moist, well-drained
- iii. What is the function of the tiny plantlets that grow along the edges of the leaves?
- A. Photosynthesis                      B. Protection                      C. Reproduction                      D. Nutrient absorption
- iv. Which part of the money plant can be used to grow a new plant?
- A. Roots                                      B. Stem                                      C. leaves                                      D. Buds
- v. Identify the seed from the given picture.



- A. Cocklebur                      B. Dandelion                      C. Sycamore                      D. Cotton

**Q2. There are two statements marked as Assertion (A) and Reason(R).**

**Choose the correct answer from the options given and write the correct option from the following.** (1 × 2 = 2)

- A) Both statements Assertion (A) and Reason (R) are true and Reason(R) is the correct explanation of Assertion(A).
- B) Both statements Assertion (A) and Reason (R) are true and Reason(R) is not the correct explanation of Assertion (A).
- C) Statement Assertion (A) is true and Reason (R) is false.
- D) Statement Assertion (A) is false and Reason (R) is true.
- i. **Assertion(A):** Manure and chemical fertilizers are added to the soil.  
**Reason(R):** Manure and chemical fertilizers makes the soil rich in nutrients
- ii. **Assertion(A):** Fruits have seeds inside them.  
**Reason(R):** All plants reproduce through seeds.

**Q3. Define the terms:**

**(1 × 2 = 2)**

- i. Plant Reproduction
- ii. Seed Dispersal

**Q4. Correct and rewrite the following statement by changing the highlighted word:**

- i. Ginger can reproduce through **roots**.

**(1 × 1 = 1)**

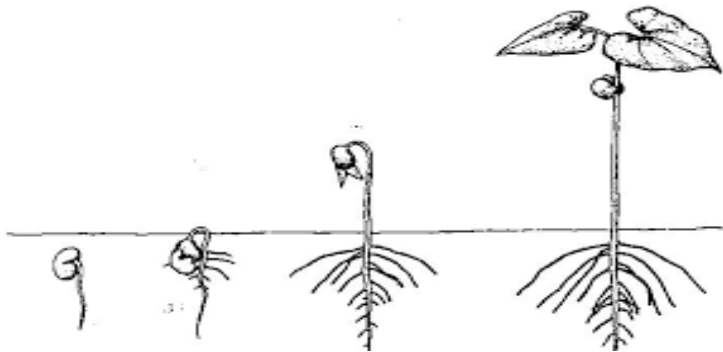
**Q5. Answer the following questions in brief: (Any two)**

**(2 × 2 = 4)**

- i. State two differences between kharif and rabi crops.
- ii. Draw a neat labelled diagram of structure of a seed. Explain the functions of any two parts.
- iii. Explain the dispersal of seeds by explosion with two examples.

**Q6. Observe the picture carefully, and answer the following questions.**

**(3 × 1 = 3)**



- i. Explain the role of water in the germination process.
- ii. What happens to the seed coat during germination?
- iii. Describe the changes that occur in the third stage during germination.

**Q7. Read the passage given below and answer the following questions:**

**(3 × 1 = 3)**

In agriculture, the journey starts with the soil. Farmers carefully prepare the soil by ploughing, adding fertilizers, and ensuring it has the right amount of moisture. Once the soil is ready, seeds are sown. These tiny seeds grow into plants that will eventually provide us with the food we need to eat. Farmers keep a close eye on their crops, making sure they have enough water and protect them from pests and diseases. When the plants have grown, it's time for the harvest.

- i. What is agriculture?
- ii. What are the essential requirements for seeds to grow into plants?
- iii. What are the things that farmers do to prepare the soil for growing crops?