



INDIAN SCHOOL SOHAR
PERIODIC TEST - I (2024-25)
SUBJECT – EVS
CLASS – IV
SET –B

Date of Exam: 21-05-2024

Time Allotted: 40 Minutes

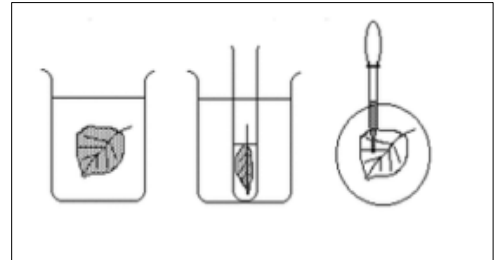
Max. Marks: 20

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

QI. Choose the correct option:

(1× 5=5)

- i. Which of the following plants cannot prepare its own food?
A) Neem B) Banyan C) Cactus D) Mushroom
- ii. Turning of bleached leaf into blue-black colour indicates the presence of _____
A) protein in leaf B) chlorophyll in leaf C) starch in leaf D) water in leaf
- iii. The function of chlorophyll in leaves is
A) to absorb water from soil B) to exchange gases from the air
C) to absorb sunlight to perform photosynthesis D) to transport water
- iv. Crotons store their food in the form of _____
A) Sugar B) Proteins C) Starch D) Vitamins
- v. Name the two chemicals used in performing the following test shown in the picture____
A) Chlorine and Iodine B) Alcohol and Sodium
C) Iodine and Hydrogen D) Alcohol and Iodine



QII. Study the two statements labelled Assertion (A) and Reason (R).

Choose the correct answer from the options given below.

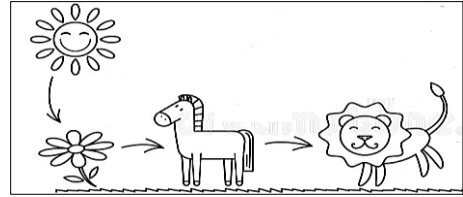
(1×2=2)

- a) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A).
b) Both assertion (A) and reason (R) are true but reason (R) is not the correct explanation of assertion (A).
c) Assertion (A) is true but reason (R) is false.
d) Assertion (A) is false but reason (R) is true.
- i. **Assertion:** Photosynthesis cannot take place during night.
Reason: Sunlight is essential for the process of photosynthesis.
- ii. **Assertion:** Most leaves have a main vein and many side veins.
Reason: Vein attaches leaf to the stem.

QIII. Answer the following in one word or in one sentence.

(1×3 =3)

- i. In India ____ is celebrated every year to promote planting trees and make people aware of the consequences of cutting trees.
- ii. The flat, green part of the leaf is called_____.
- iii. Observe the picture below and answer the following questions:
 - a. Identify the process and define it?



QIV. Give reason for the following:

(1×2 =2)

- i. Non-green plants like mushroom and mould cannot prepare their food.
- ii. Stomata is important for the process of photosynthesis.

QV. Answer the following questions in short:

(1×2 =2)

- i. Why is the balance in nature important?
- ii. Starch test cannot be done directly on green leaf. Explain the process needed to be done before starch test.

VI. Answer the following questions:

(3 x 2= 6)

i. Read the passage and answer the following questions:

Kenny found a plant that has been put in a cabinet by accident. It looked very unhealthy. Some of its leaves were yellow and drooping, and others had fallen off. Kenny decided to put the plant on the window to see if it would recover.

- a) Write one more thing Kenny needs to do to help the plant recover.
 - b) Explain the process of destarching in plants.
 - c) What will happen if all plants stop making food or the process of photosynthesis stops?
- ii. a) Draw a neat labelled diagram of the leaf. Explain the function of main vein and stalk.
b) Identify these unusual plants and explain how do they get their food.

