



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

**Date of Exam: 21-05-2024**

**Time Allotted: 40 Minutes**

**Max. Marks: 20**

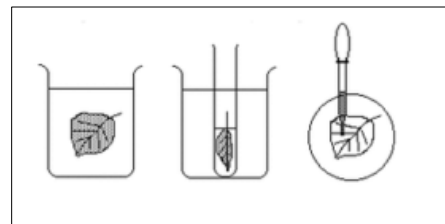
(Note: This question paper consists of 2 printed pages. Please check that you have all the pages.)

-----

**QI. Choose the correct option:**

**(1× 5=5)**

- i. 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
- ii. Which of the following plants cannot prepare its own food?  
A) Neem    B) Banyan    C) Cactus    D) Mushroom
- iii. Which of the following is not required by plants for photosynthesis?  
A) Sunlight    B) Water    C) Oxygen    D) Carbon dioxide
- iv. 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
- v. Crotons prepare their food in the form of \_\_\_\_\_  
A) Sugar    B) Proteins    C) Starch    D) Vitamins



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

**Choose the correct answer from the options given below.**

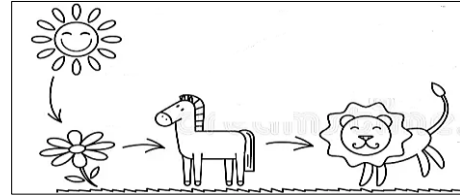
**(1×2=2)**

- 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 in yellow leaves.  
**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 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. Tiny opening in leaves for the exchange of gases in plants \_\_\_\_\_.
- 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. Leaves of croton plant are not green in colour but still, they prepare their own food.
- ii. Plants cannot make their food at night.

**QV. Answer the following questions in short:**

**(1×2 =2)**

- i. Why is the balance in nature important?
- ii. Explain how do the plants use the food prepared by them.

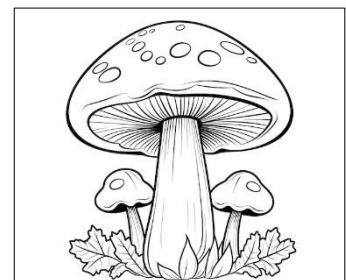
**QVI. Answer the following questions:**

**(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 stalk and leaf blade.
- b) Identify this unusual plant and explain how it gets its food.



\*\*\*\*\*