

**Bhavan's Tripura Vidyamandir**1<sup>ST</sup> Periodic Assessment - (2024-2025)**Class: - 7**

Time :- 2 Hours

**Subject :- Science**

Total : - 50 Marks

Name of the Student:

Roll

Section

**A. Choose the correct option from the following:****(1X5=5)**

1. The plant which traps and feeds on insects is
  - (i) Cuscuta
  - (ii) china rose
  - (iii) pitcher plant
  - (iv) rose
2. A wooden spoon is dipped in a cup of ice cream. Its other end
  - (a) becomes cold by the process of conduction.
  - (b) becomes cold by the process of convection.
  - (c) becomes cold by the process of radiation.
  - (d) does not become cold.
3. Which part of the plant takes in carbon dioxide from the air for photosynthesis?
  - (a) Root hair
  - (b) Stomata
  - (c) Leaf veins
  - (d) Petals
4. The finger like projections in the intestine are called.....
  - (a) villi
  - (b) pseudopodia
  - (c) large intestine
  - (d) appendix
5. Consider the following statements:
  - (a) Both acids and bases change color of all indicators.
  - (b) If an indicator gives a color change with an acid, it does not give a Change with a base.
  - (c) If an indicator changes color with a base, it does not change colour with an acid.
  - (d) Change of color in an acid and a base depends on the type of the Indicators which of these statements are correct?
    - (i) All four
    - (ii) a and d
    - (iii) b, c and d
    - (iv) only d

**B. State whether the following statements are true or false.****(1X5=5)**

6. Sodium hydroxide turns blue litmus red.
7. The product of photosynthesis is not a protein.
8. The SI unit of heat is Joule.
9. The gall bladder temporarily stores bile.
10. Human being are called heterotrophs.

**C. Answer the following questions.**

**(1X5=5)**

11. Give one example of natural indicator.
12. What are the scales to measure Temperature?
13. Where is the bile produced?
14. What are pseudopodia?
15. What is stomata?

**D. Fill in the blanks.**

**(1X5=5)**

16. Green plants are called ..... since they synthesis their own food.
17. No medium is required for transfer of heat by the process of.....
18. When carbon dioxide is passed through lime water, it turns milky due to the formation of.....
19. Chemical name of common salt is .....
20. Killing of bacteria is done in .....

**E. Answer the following questions.**

**(2X3= 6)**

21. Write a short note on gall bladder.
22. Railway track has small gaps at regular intervals --explain why?
23. Explain why: an antacid tablet is taken when you suffer from acidity.

**F. Answer the following questions.**

**(3X3=9)**

24. Draw, label and describe the structure of a stomata.
25. Why do farmers grow many fruits and vegetable crop inside large greenhouse? What are the advantage to the farmers?
26. Write three precaution to handle the clinical thermometer.

**G. Answer the following questions.**

**(5X3=15)**

28. Draw and label human digestive system. Define absorption and assimilation. **(3+2)**
29. Define neutralization, write two application of it in our life. What is an indicator Give example? **(3+2)**
30. Discuss why wearing more layers of clothing during winter keeps us warmer than only one sweater? Define sea breeze and land breeze. **(2+3)**