

NAAHAR PUBLIC SCHOOL(CBSE) SENIOR SECONDARY,

AYYUR AGARAM, VILLUPURAM

A.Y. 2022-2023, Micro-Revision Test-5

CLASS: X,

Sub: SCIENCE

Tr. Initial: MHR / ATCHAYA

Time :60 minutes

Max. Marks :30

Date: 10.11.2022

SECTION – A (11 marks)

I.Choose the best answer and write it on your answer paper: (8 x ½ = 4)

1. Which plant hormone promotes cell division and cell differentiation alongwith auxin?
A. Cytokinin B. Gibberellin C. Absciscic acid D. Ethylene
2. Which one of the following is a hormonal disease/disorder?
A. Scurvy B. Malaria C. Diabetes D. Tuberculosis
3. When you touch a hot pan accidentally, you pull your hand back immediately. Identify the stimulus in the above statement.
A. Touching the hot pan B. Pulling the hand back C. Both A and B D. Statement is not an example of reflex
4. The _____ receives, processes, interprets and stores information coming from senses. The _____ handles its input and output.
A. ANS, CNS B. CNS, PNS C. SNS, PNS D. PNS, CNS
5. Which group of waste materials can be classified as non-biodegradable?
a) plant waste, used tea bags b) polyethene bags, plastic toys
c) used tea bags, paper straw d) old clothes, broken footwear
6. The amount of energy that flows from one trophic level to another in a food chain is
a) 5% b) 10 % c) 20 % d) 15 %
7. The driving force of any ecosystem is
a) Carbohydrates b) ATP c) Biomass d) Solar energy
8. The cleaners of nature are
a) Decomposers b) Consumers c) Herbivores d) Producers

II.Fill up the blanks (6 x ½ =3)

9. Growth hormone in human is secreted by _____.
10. The movement of plant due to touch is called _____.
11. The movement of plant part in the direction of light is _____.
12. Problem of solid waste disposal can be reduced through _____.
13. Which causes the depletion of ozone layer _____.
14. The primary consumers are mostly _____.

III.Give very brief answers to the following (4 x 1 = 4)

15. What are evergreen plants and deciduous plants? Why do leaves drop off seasonally?
16. Mention six endocrine glands with their one secretion product atleast.
17. What is the role of decomposers in the ecosystem. Give two examples?
18. Compare food chain with a food web. Give two reasons how the later supports ecosystem?

SECTION – B (19 marks)

IV. Give brief answers to the following (5 x 2 = 10)

19. Define Ozone layer. How it gets depleted? Give two examples which do affect it.
20. Mention any two functions each of Auxin and Absciscic Acid.
21. What does peripheral nervous system consist of? Where does it originate from?
22. Name and explain the two main components of pond ecosystem with one food web.
23. Draw and label the simple reflex arc.

V. Give long answers to the following (3 x 3 = 9)

24.
 - a) What is the difference between the manner in which movement takes place in a sensitive plant and the movement in our legs?
 - b) List out positive and negative growth movements observed in plants.
25.
 - a) Write the harmful effects of using plastic bags on the environment. Suggest any three alternatives to plastic bags
 - b) How does our body responds to emergency hormone? Give 3 points.
26. Answer the below.
 - (a) what do you understand about bio-degradable and non-biodegradable wastes?
 - (b) Define Bio-magnification. Give two examples.