

T

SECOND MID TERM TEST - 2024**Standard - XII
BIOLOGY**

Reg.No.

		2	4	1	9
--	--	---	---	---	---

Marks:35**Time: 1.30 hrs.****BIO - BOTANY
SECTION - A****Choose the correct answer:****2×1=2**

- In soil water available for plants is
 - Gravitational Water
 - Chemically bound Water
 - Capillary Water
 - hygroscopic water
- The unit for measuring ozone thickness is
 - Joule
 - Kilos
 - Dobson
 - Watt

SECTION - B**Answer any two of the following questions:****2×2=4**

- What is called Co-evolution?
- Define - Carbon cycle.
- What is ozone hole?

SECTION - C**Answer any two of the following question:****2×3=6**

- Write the thermal stasification of Pond.
- What are the effects of global warming?
- Write the Significance of food web.

SECTION - D**Answer the following question in detail.****1×5=5**

- Enumerate the anatomical adaptations of Hydrophytes?

(OR)

What are the objectives of Afforestation?

BIO - ZOOLOGY**PART - A****Choose the correct answer:****3×1=3**

- Which of the following Microbe is suitable for the production of recombinant interferons?

- a) Acetobacter
 c) Pseudomonas Putida
2. CO₂ is not released during
 a) Alcoholic fermentation
 c) Aerobic respiration in animals
3. The relationship between Sucker fish and shark is _____
 a) Competition
 c) Predation
- b) Saccharomyces Cerevisiae
 d) Streptococcus
- b) Lactate fermentation
 d) Aerobic respiration in plants
- b) Commensalism
 d) Parasitism

PART - B**2 × 2 = 4****Answer any two of the following:**

4. Distinguish between Eurytherms and Stenotherms.
 5. Define - Super bug.
 6. What are DNA Vaccines.

PART - C**2 × 3 = 6****Answer any two of the following :**

7. When does antibiotic resistance develop?
 8. What are Stem cells? Explain its role in the field of medicine?
 9. Define - (i) Birth rate (ii) Death rate

PART - D**1 × 5 = 5****Answer in detail:**

10. What is called as Industrial Alcohol? Explain its Preparation.

(OR)

List the merits and demerits of cloning in animals.
