

Ts11Bio

Tenkasi District  
First Mid Term Test - 2023



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**Standard 11**

10-08-2023.

Time: 1.30 Hours

**BIOLOGY**  
**BIO - BOTANY**

Marks: 35

Marks: 18

**SECTION - I****I. Choose the correct answer:****3×1=3**

- 1) Which of the plant group has gametophyte as a dominant phase?
 

a) Pteridophytes	b) Bryophytes
c) Gymnosperm	d) Angiosperm
- 2) Photosynthetic roots are seen in
 

a) Vanda	b) Cuscut
c) Tinospora	d) Viscum
- 3) Vexillary aestivation is characteristic of the family
 

a) Fabaceae	b) Asteraceae
c) Solanaceae	d) Brassicaceae

**SECTION - II****II. Answer ANY TWO of the following:****2×2=4**

- 4) Differentiate hemioiomerous and heteromerous lichens.
- 5) What is pulvinus? Give example.
- 6) Mention two characters shared by gymnosperms and angiosperms.

**SECTION - III****III. Answer ANY TWO of the following:****2×3=6**

- 7) Give a general account on Lichens.
- 8) Draw and label the parts of regions of root.
- 9) Write short notes on phylloclade.

**SECTION - IV****IV. Answer the following:****1×5=5**

- 10) Briefly discuss on Five Kingdom classification. Add a note on merits and demerits.

**(OR)**

What is phyllotaxy? Explain its types.

**BIO - ZOOLOGY (Mark : 18)****Section - I****I. Answer all the questions.****3×1=3**

- 1) Molecular taxonomic tool consists of
 

a) DNA and RNA	b) Mitochondria and Endoplasmic reticulum
c) Cell wall and membrane proteins	
d) All the above	

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- 2) The clitellum is a distinct part in the body of earthworm lampito Mauritti it is found in
- a) Segments 13 - 17
  - b) Segments 14 - 17
  - c) Segments 12 - 13
  - d) Segments 14 - 16
- 3) Succus entricus is the name given to
- a) A Junction between ileum and large intestine
  - b) Intestinal Juice
  - c) Swelling in the gut
  - d) Appendix

**Section - II**

**II. Answer any two of the following.**

2×2=4

- 4) What is binomial nomenclature.
- 5) Compare schizocoelom with enterocoelom.
- 6) Comments on the functions of alary Muscles?

**Section - III**

**III. Answer any two of the following.**

2×3=6

[Q.No. 9 is compulsory]

- 7) Write the types of respiration seen in frog.
- 8) Why are villi present in the intestine and not in the stomach.
- 9) Write the rules of nomenclature.

**Section - IV**

**IV. Answer the following questions.**

1×5=5

- 10) What is an epithelium? Enumerate the characteristic features of different epithelia.

(OR)

Compare closed and open circulatory system.

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