

Tsl11Blo

Tenkasi District  
Common First Mid Term Test - 2024



31.07.2024

Time: 1.30 Hrs.

**Standard 11**  
**BIOLOGY**  
**BIO - BOTANY**

Marks: 35  
**Marks: 18**  
3×1=3

**I. Answer all the questions:**

- 1) Methanobacterium belongs to
  - a) Archebacterium
  - b) Cyanobacterium
  - c) Actinomycetes
  - d) Eubacterium
- 2) The haploid number of chromosome for an angiosperm is 14, the number of chromosome in its endosperm would be
  - a) 7
  - b) 15
  - c) 28
  - d) 42
- 3) Select the mismatch pair
  - a) *Musa* - Unicostate
  - b) *Allamanda* - Ternate phyllotaxy
  - c) *Acalypha* - Leaf mosaic
  - d) *Lablab* - Trifoliate

**II. Answer ANY TWO from the following:**

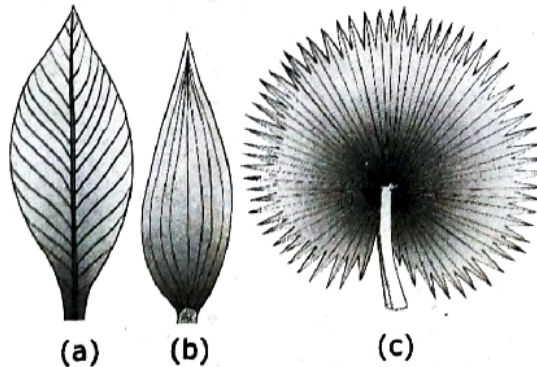
2×2=4

- 4) Tabulate the differences between Raceme and Cyme.
- 5) Write the primary functions of roots.
- 6) Differentiate Homeomerous and Heteromerous lichens.

**III. Answer ANY TWO from the following: (Q.No. 9 is compulsory)**

2×3=6

- 7) Write the merits of five kingdom system of classification.
- 8) Write any two similarities of Angiosperms and Gymnosperms.
- 9) Find out a, b and c from the following diagram.

**IV. Answer all the questions:**

1×5=5

- 10) Write the similarities and differences between phylloclade and Cladode.

(OR)

Write the steps involved in Gram staining.

**BIO - ZOOLOGY**

Marks: 17

**I. Choose the best answer:**

2×1=2

- 1) What taxonomical aid gives comprehensive information about a taxon?
  - a) Taxonomic key
  - b) Herbarium
  - c) Flora
  - d) Monograph

**Tsi11Bio**

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2) The sphincter of oddi guards

a) Hepatopancreatic duct

c) Pancreatic duct

b) Common bile duct

d) Cystic duct

**II. Answer ANY TWO questions from the following:****2x2=4**

3) Why mule is sterile in nature?

4) Compare schizocoelom with enterocoelom.

5) Some epithelia are pseudostratified what does this mean?

**III. Answer ANY TWO of the following:****2x3=6****Q.No. 8 is compulsory.**

6) List three features that characterise bony fishes.

7) How does the male frog attracts the female forming?

8) Draw a neat labelled diagram of Nerve cell.

**IV. Answer the following question:****1x5=5**

9) List out the Rules of Nomenclature.

**(OR)**

Write the characteristic features of the largest phylum of Kingdom animalia.

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