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Tsi11Bio

Examinations
Tenkasi District Common Examinations
Common Second Mid Term Test - November 2022

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Standard 11

Time: 1.30 Hrs.

BIOLOGY

Marks: 35

BIO - BOTANY

Marks: 17

PART - I

Choose the correct answer:

2×1=2

- 1) In Gymnosperms, the activity of sieve cells are controlled by
 - a) Nearby sieve tube members
 - b) Pholem parenchyma cells
 - c) Nucleus of companion cells
 - d) Nucleus of albuminous cells
- 2) The common bottle cork is a product of
 - a) Phelleum
 - b) Phellogen
 - c) Rylem
 - d) Vascular cambium

PART - II

Answer ANY TWO questions:

2×2=4

- 3) Difference between Tracheids and Fibres.
- 4) Difference between Sap wood and Heart wood.
- 5) What is Acquaborin?
- 6) Write any two Deficiency of Boron.

PART - III

Answer ANY TWO questions:

2×3=6

- 7) Draw and lable the structure of Dicot leaf.
- 8) Explain Annual Ring.
- 9) Explain the types of transpiration.
- 10) Explain Apoplast and Symplast.

SECTION - IV

Answer ANY ONE question:

1×5=5

- 11) Distinguish the anatomy of dicot root from monocot root.

(OR)

- 12) Explain Munch Mass Flow hypothesis.

BIO - ZOOLOGY

Marks: 18

SECTION - I

Answer the questions:

3×1=3

- 1) The joint between Atlas and axis
 - a) Fibrous joint
 - b) Hinge joint
 - c) Plane joint
 - d) Pivot joint

