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SUBJECT CODE NO: - YY-2382
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (CBCGS) (Pattern 2022) F.Y SEM II
Examination April / May - 2024
Botany Paper-V Histology, Anatomy & Embrology Paper-IV

[Time: 1:30 Hours]

[Max. Marks: 40]

Please check whether you have got the right question paper.

- N. B.
- 1) All questions are compulsory.
 - 2) All questions carry equal marks.
 - 3) Draw neat diagram and give labels where ever necessary.

Q.1 Describe in detail various types of stomata

10

OR

Explain in Brief.

- a) Tunica corpus Theory
- b) Parenchyma

Q.2 Describe primary structure sunflower stem

10

- a) Dorsiventral leaf
- b) Heart wood and sap wood

Q.3 Write short notes on (any two)

10

- a) Autogamy and Heterostyly
- b) Helobial endosperm
- c) Hydrophily

Q.4 Multiple choice questions.

10

1. There are three types of meristematic tissue, apical _____ and lateral.
 - a) Simple
 - b) Complex
 - c) Intercalary
 - d) Vascular
2. Guard cells controls the opening and closing of _____.
 - a) Digestive gland
 - b) Stomata
 - c) Trichomes
 - d) Nectaries

