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Paper Code : DSC-209

Roll No.

B.Sc. (ZBC)-14

2nd Year Examination, Academic Batch 2018

Botany-III (Gymnosperms & Systematics of Angiosperms)

Time : 3 Hours]

[Max. Marks : 100

*Note. Attempt any **Five** questions. All questions carry equal marks.*

Q.1. What is coralloid root? What are the differences between normal root and coralloid root?

Q. 2. Write the general characteristics of gymnosperm and Affinities of gymnosperms with Pteridophytes.

Q.3. Write short notes on the followings (**any four**):

- a. Genotopsida. b. Cycus is living fossil
- c. Geological Time Scale d. Floral diagram of Rannunculaceae
- e. Binomial nomenclature

Q. 4. Describe the sexual reproduction of Cycvs and Pinus along with all developmental stages.

Q.5 What do you mean by binomial nomenclature? Describe about artificial classification.

Q.6 Describe the sexual reproduction of Ephedra along with all developmental stages.

Q.7 Write the general characteristics and economic importance of gymnosperms.

Q.8 Write the vegetative as well as floral characteristics of Poaceae family.