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AR-18

Total Number of Pages : 1

M.SC

M.Sc 3<sup>rd</sup> SEMESTER REGULAR EXAMINATIONS, NOV/DEC 2019-20

Subject code: P-731

Subject: Plant Morphology, Structure & Reproduction

Time: 3 Hours

Max Marks: 40

The figures in the right hand margin indicate marks.

**Answer ALL Questions**

1. a) Give an account of Thallus Organization in Algae? **2 X 7= 14M**

b) Describe the reproduction of chlorophyta?

(OR)

c) Write an essay on the Economic importance of Ascomycetes and Basidiomycetes?

d) Describe the Evolutionary trends of sex organs in bryophyta?

2. a) Write an essay on stellar evolution in Pteridophytes? **2 X 6.5= 13M**

b) General account and classification of Gymnosperms (Outline Classification up to Orders)

(OR)

c) Describe the Phylogenetic position of Ginkgoales?

d) Explain fossil Gymnosperms with the help of geological time scale.

3. a) Write an Essay on Bentham and Hookers system of Classification? **2 X 6.5= 13M**

b) Give an account of International Code of Botanical Nomenclature?

(OR)

c) Elaborate on the evolutionary tendencies in Umbellifere?

d) Elaborate on the evolutionary tendencies in microspermae?