

[Time: 2 Hours]

[Marks:50]

Please check whether you have got the right question paper.

- N.B: 1. All questions are **compulsory**.
2. All questions carry **equal** marks.

Q.1 Answer any one of the following **10M**

- A Explain the life cycle of *Scytonema* with neat and labeled diagram.
B Highlight the contribution of Eminent Algologist in India: M.O.P. Iyengar and T.V. Desikachary.

Q.2 Answer any one of the following **10M**

- A With the help of diagram, discuss briefly the life cycle of *Daedalea*.
B Explain the symptoms, casual organism, disease cycle and control measures of Red Rot of Sugarcane.

Q.3 Answer any one of the following **10M**

- A Explain the general characters, affinities and interrelationship of Ginkgoales.
B Give an account of sporophyte of *Cupressus* with neat labeled diagram.

Q.4 Answer any one of the following **10M**

- A Give the systematic position and morphological peculiarities of the family Sterculiaceae.
B Discuss in brief the morphological peculiarities, floral formula and economic importance of the family Acanthaceae.

Q.5 Write short notes on any two of the following **10M**

- A Significance of Mycorrhiza with reference to Agriculture
B Strobilus of Bennettitales
C Economic importance of Brassicaceae
