

B.Sc. SEM-1 (Hons.) Examination-2020

Subject- Botany (Hons)

Paper – CC-2

Archegoniate

Full Marks –40

Time – 2 hrs

1. Answer any eight questions from the following: - 5x8=40
- A. With suitable diagram comment on the anatomy of *Marchantia* thallus. 5
 - B. Write down the advanced characters of sporophyte of *Anthoceros*. 5
 - C. Draw labelled diagram of TS of *Lycopodium clavatum* stem. 5
 - D. Briefly discuss the structure of *Equisetum* strobilus. 5
 - E. What is Telome? Briefly discuss enation theory. 5
 - F. Briefly discuss the fern characters of *Cycas*. Name two Indian species of *Cycas*. 5
 - G. Discuss angiospermic features of *Gnetum* 5
 - H. Discuss the morphological nature of Rhizophore in *Selaginella* 5
 - I. What is Sulphur shower? Mention economic importance of *Pinus* 5
 - J. Compare the sporophyte of *Funaria* and *Pellia* 5