

**Avinashlingam Institute for Home Science and Higher Education for Women
Coimbatore-641 043**

Master's Degree Examination – November-2017

Semester - I

**Class : I PG
Major : BOTANY**

**Time :3 hours
Max. Marks: 60**

17MBOC03

**Plant Biodiversity –II (PTERIDOPHYTES , GYMNOSPERMS AND PALEOBOTANY)
Part-A**

10 x½ =5

Choose the correct answer

1. One character common to all Pteridophytes is
a. Heterospory b. Absence of ovule c. Protostele d. Leptosporangium
2. Membrane surrounding cluster of sporangia in Fern leaf is
a. Indusium b. Stomium c. Stomata d. Perichaetium
3. Equisetum is commonly called
a. Clubmass b. Spike mass c. Horse tail d. Bogmoss
4. Heterospory has been reported in
a. Lycopodium b. Selaginellac. Equisetum d. Ophioglossum
5. Which one of the following is a climber?
a. *Cycasrevoluta* b. *Pinuswallichiana* c. *Gnetummontanum* d. *Cedrusdeodara*
6. Which one of the following is not the feature of gymnosperms
a. Parallel venation b. Perennial plants c. Distinct branches d. Xylem with vessels
7. Leaves are broad with reticulate venation in
a. Cycas b. Pinus c. Ephedra d. Gnetum
8. Drug Ephedrine is obtained from which part of the Ephedra
a. Roots b. Stem c. Leaves d. Flowers
9. Which one is a living fossil
a. Pinus b. Gnetum c. Ginkgo d. Podocarpus
10. The genus Heterangium was reported during the period of
a. Lowerjurassic b. Upperjurassic c. Uppersilurian d. Upper and Lower carboniferous

