

DEPARTMENT OF BOTANY
F.Y.BSc SEM I – Botany Paper II (HBSU)

1. A characteristic feature of bryophytes is
(a) a dominant and parasitic sporophyte (b) a dominant and spore-producing gametophyte
(c) a small sporophyte phase, which is dependent on the gametophyte
(d) sporophytes stay for a longer duration
2. The basal swollen portion of the archegonium is:
(a) Venter (b) Neck (c) Jacket (d) Oospere
3. A structure is present in the centre of the capsule called:
(a) elaters (b) spores **(c) columella** (d) Pseudoelaters
4. These possess needle-like foliage leaves
(a) Pinus (b) Fern (c) *Selaginella* (d) Mosses
5. Coralloid roots of *Cycas* are useful in
(a) Absorption (b) Transpiration **(c) N₂-fixation** (d) Fixation
6. *Cycas circinalis* is a source of
(a) Resin (b) Timber (c) Essential oil **(d) Starch (Sago)**
7. Phanerogams without the ovaries are
(a) Angiosperms (b) Pteridophytes **(c) Gymnosperms** (d) Bryophytes
8. Heterospory is production of
(a) Sexual & asexual spores **(b) Large & small spores** (c) Haploid and diploid spores
(d) Diploid and tetraploid spores
9. Division to which *Selaginella* belongs is
(a) Psilopsida (b) Pteropsida **(c) Lycopsida** (d) Sphenopsida
10. Most of the pteridophytes are
(a) Monosporous (b) Polysporous **(c) Homosporous** (d) Heterosporous