

3. Describe the diversity in the arrangement of sex organs in mosses.

4. Give five reasons why the Psilophyta are the most primitive Pteridophytes.

5. a) Write the differences between liverwort and moss leaves.

b) Distinguish between liverwort and moss rhizoids.

6. Outline the main stele types in Pteridophytes.

7. a) Draw a labelled diagram to show the structure of Selaginella sporophyte

b) How does it differ from that of Lycopodium?

8. Describe the variation in distribution and structure of sori in ferns.

SECTION B: ESSAYS (30 MARKS)

1. Discuss the variation of the leaves and sporophytes in Mosses.
2. Compare and contrast the morphology and distribution of sexual organs in *Anthoceros* and *Marchantia*
3. Describe in detail the morphology and structure of gametophyte and sporophue in *Equisetum*