

(2)

Unit-II

2. What are Stele ? Describe the evolution of stele in Pteridophytes ?

OR

Write notes on any **two** of the following :

- (a) Concept of first vascular plants
- (b) Structure of mature archegonium of psilotum
- (c) Prothallus organization in pteridophytes

Unit-III

3. Gymnosperms are a connecting link between angiosperm and pteridophytes ? Explain it.

OR

Write notes on any **two** of the following :

- (a) Distribution of Gymnosperm in India
- (b) Classification of Gymnosperm
- (c) Endosperm in Gymnosperm

Unit-IV

4. Give an account on the affinities of Gnetum and show how it is closely related to Angiosperm.

OR

(3)

Write notes on any **two** of the following :

- (a) Account of Glossopteris
 - (b) Female cone of Pinus
 - (c) Male strobillus of Welwitschia
- _____