

(2)

- (b) Elaters, Elaterophores and Pseudoelaters
- (c) Archegoniophore

Unit-II

2. Describe the 'Stelar system' in pteridophytes with suitable examples and labelled diagram.

OR

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

- (a) Heterospory leading to seed habit
- (b) Prothallus of pteridophytes
- (c) Root and rhizophore of selaginella

Unit-III

3. Describe the general characters and classification of Gymnosperms.

OR

Describe the 'Distribution of Gymnosperms' in India.

Unit-IV

4. Give a general account of Pteridospermales.

OR

(3)

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

- (a) Centripetal and centrifugal xylem
 - (b) Monoxyle and pycnoxylic wood
 - (c) Development of male gametophyte of 'Cycas'
- _____