



III Semester B.Sc. Examination, November/December 2015

(O.S) (Prior to 2012-2013)

BOTANY – III

Pteridophytes, Paleobotany, Environmental Biology and Phytogeography

Time : 3 Hours

Max. Marks : 60

- Instructions :** i) Answer all Parts.
ii) Draw diagrams wherever necessary.

PART – A

A. Answer any six of the following : BMSCW (6×2=12)

- 1) Define plectostele. Give an example.
- 2) What is Synangium ? Give an example.
- 3) Define Petrification.
- 4) What are Xerophytes ? Give an example.
- 5) Mention the significance of Seed Bank.
- 6) Write any two methods of Soil Conservation.
- 7) Define remote sensing.
- 8) What is Ecesis ?

PART – B

B. Describe/Explain any six of the following : (6×4=24)

- 9) Anatomy of Psilotum Stem.
- 10) Rhynia.
- 11) Biotic components of Marine Ecosystem.
- 12) Any two climatic factors.
- 13) Water pollution.



14) Structure of Marselia plant body. ()

15) Soil Reclamation. ()

16) Anatomy of Selaginella stem. ()

PART - C ()

C. Answer any three of the following : (3x8=24)

17) Describe V.T.S. of Marsilea Sporocarp. ()

18) Explain the ecological adaptations in Hydophytes and Epiphytes. ()

19) Explain geological time table. ()

20) Explain Xerosere. ()

21) Give an account of phytogeographical region of India. ()

BMSCLW