

M.Sc.(Botany) (CBCS Pattern) Fourth Semester CBCS
PSCBOTT15.3-Course Code PSDBOTT15 (DSE-II) Paper-XV - Paleobotany-II

P. Pages : 1

Time : Three Hours



GUG/W/18/11360

Max. Marks : 80

- Notes : 1. All questions are compulsory & carry equal marks.
2. Draw diagrams wherever necessary.

1. What is Progymnospermopsida? Describe Aneurophytales & Archaeopteridales with suitable example. 16

OR

Write notes on

- a) Lyginopteris 8
b) Cycadeoidea 8
2. Describe the order pentoxylales with its phylogenetic consideration. 16

OR

Write notes on

- a) Caytonia 8
b) Glossopteris 8
3. Describe formation & age of Deccan trap & Intertrap. Describe fossil genus Cycadeoidea 16

OR

Write notes on

- a) Sahanianthus flower 8
b) Paleoclimate & Paleogeography of Deccan Intertrap. 8
4. Describe important features of spores & pollen morphology & their role in exploration of coal & oil. 16

OR

Write notes on

- a) Paleontological studies of microfossils & its application. 8
b) Stratigraphy & classification of Indian Gondwana Land. 8
5. Write short notes on
- a) Nilssonia 4
b) Cordaitea 4
c) Enigmocarpon fruit 4
d) Paleoecology & paleogeography 4
