

M.Sc. (Botany) (NEP Pattern) Semester-II
02MSCB-4.3 - Major Elective DSE Paper-VIII - Paleobotany-II

P. Pages : 1

Time : Three Hours



GUG/S/25/15346

Max. Marks : 80

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

1. Describe in detail the Fossil Cycads-*Nilssonia*, *Baenia*, *Androstrobus*. 16
- OR**
- Write notes on
- a) *Heterangium* 8
- b) *Wielandiella* 8
2. Describe the order Cordaitales and Coniferales with its phylogenetic consideration. 16
- OR**
- Write notes on
- a) *Voltziopsis*. 8
- b) *Palissya*. 8
3. Describe the formation of Deccan traps & Intertraps? Write about its age and floristic composition in relation to Gymnosperms. 16
- OR**
- Write notes on
- a) Paleoclimate and Paleogeography the Deccan Intertraps. 8
- b) Fossiliferous localities and Palaeobiodiversity of Chandrapur and Gadchiroli district. 8
4. Describe the important features of spores and pollen morphology and their role in stratigraphy. 16
- OR**
- Write notes on
- a) Stratigraphy and classification of Indian Gondwana Land. 8
- b) Palaeopalynological studies, microfossil and its application. 8
5. Write short notes on
- a) *Archaeosperma* 4
- b) Fossil Gymnosperms 4
- c) Wadadham fossil park 4
- d) Living fossil. 4
