

M.Sc. (Botany) (NEP Pattern) Semester-I
NEP-03 / 01MSCB3 - Paper-III - Gymnosperms & Paleobotany

P. Pages : 1

Time : Three Hours



GUG/S/25/15063

Max. Marks : 80

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Illustrate your answers with suitable examples and diagrams.

1. Write about general characteristics and distribution of gymnosperms in India. **16**

OR

Write notes on :

a) Aneurophyton. **8**

b) Economic importance of gymnosperms. **8**

2. Write in detail about morphology & reproductive characters of Cycas. **16**

OR

Write notes on :

a) Glossopteris. **8**

b) Williamsonia. **8**

3. Write in detail about morphology and reproduction of Pinus. **16**

OR

Write notes on :

a) Morphological characters of Ginkgo. **8**

b) Reproductive characters of Taxus. **8**

4. What is Palaeobotany ? Write about types of fossils. **16**

OR

Write notes on :

a) Geological Time scale. **8**

b) Objectives of Palaeobotany. **8**

5. Write short notes on : **16**

a) Archaeopteris.

b) Caytonia.

c) Male & Female cone of Gnetum.

d) Birbal Sahni Institute of Palaeobotany.
