

M.Sc.(Botany) (CBCS Pattern) Third Semester
PSDBOTT11-3 - Paper-XI (DSE-I) : Paleobotany-I

P. Pages : 1

Time : Three Hours



GUG/W/18/11246

Max. Marks : 80

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

1. What is petrology? Explain the earth zone and chemical composition of earth crust. **16**

OR

Write notes on:-

- a) Endogenic and Exogenic rocks. **8**
b) Volcanic eruption and earthquake.

2. Discuss "Life in Precambrian era was a Speculation about greening of earth." **16**

OR

Write notes on:-

- a) Geological Column and time scale. **8**
b) Various modes of fossil preservation. **8**

3. Write in details on members of lepidodendrales. **16**

OR

Write notes on:-

- a) Horneophyton and Aglophyton. **8**
b) Zosterophyllum and Sawadonia. **8**

4. Discuss in detail. about the classification of filicales with examples. **16**

OR

Write notes on:-

- a) Horsetails are relatives of calamites. **8**
b) Hyeniale and Sphenophyllales. **8**

5. Write short notes on:- **4x4**

- a) Glaciation
b) Physiography of India.
c) Herbaceous lycopods of Devonian period.
d) Primitive ferns.
