

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

P. Pages : 1

Time : Three Hours



GUG/W/23/11246

Max. Marks : 80

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

1. Describe the earth zones and chemical composition of earth crust. **16**

OR

Write on: -

- a) Classification of rocks. **8**
b) Volcanic eruption and earthquake. **8**

2. What is fossilization? Describe different types of fossil with example. **16**

OR

Write notes on:

- a) Geological time scale. **8**
b) Systematics, reconstruction and nomenclature of fossil. **8**

3. Write details about the primitive vascular plants. Describe Rhyniopsida with respect to Cooksonia and Renalia. **16**

OR

Write note on:

- a) Asteroxylon. **8**
b) Lepidodendron. **8**

4. Describe about Hyeniales and Sphenophyllales. **16**

OR

Write notes on;

- a) Origin and evolutionary consideration of Sphenopsida. **8**
b) Calamitales. **8**

5. Write short notes on-

- a) Glaciations. **4**
b) Physiographic division of India. **4**
c) Miadomia. **4**
d) Psaronius. **4**
