

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

P. Pages : 1

Time : Three Hours



GUG/W/22/11246

Max. Marks : 80

- Notes : 1. All questions are compulsory and carry equal marks.
2. Draw well labelled 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 in detail 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) Miadestia. **4**
d) Psaronius. **4**
