



Time: 02 hours

Answer all questions

1. Explain the following statements:
 - (a) "The plant root system shows morphological diversity"
 - (b) "The flower is a modified shoot"
 - (c) "The gametophytic generation is suppressed in Angiosperms"

2. Write short notes on the following:
 - (a) Phylogenetic classification
 - (b) Uses of a Herbarium
 - (c) Placentation

3. Write briefly on the following
 - (a) The inflorescence of family Compositae (Asteraceae)
 - (b) Seed or fruit dispersal by water
 - (c) The contribution of Bentham and Hooker to plant systematics

4. Compare the following:
 - (a) Qualitative and quantitative characters
 - (b) Natural classification and artificial classification
 - (c) Indented keys and bracketed keys