

M.Sc. (Botany) Third Semester Old
BOT12 - Angiosperms-II Paper-XII

P. Pages : 1

Time : Three Hours



GUG/W/18/2257

Max. Marks : 80

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

1. Write detail on general account and distinguishing characters of Asteroidea. 16

OR

Write notes on: -

- a) Floral variation and evolution in Magnolidae. **8**
b) Floral variation and evolution in Rosidae. **8**

2. Write in detail interesting features and systematic position of cucurbitaceae. 16

OR

Write notes on:

- a) Floral variation in commelinidae. **8**
b) General characters of family Orchidaceae. **8**

3. Explain in detail probable ancestors of angiosperms. Add a note on primitive living angiosperms. 16

OR

Write notes on:

- a) Distribution and global pattern of biodiversity? **8**
b) Speciation and extinction. **8**

4. Write an essay on role of biodiversity in ecosystem function and stability. 16

OR

Write notes on:

- a) Hotspot and Hottest spot. **8**
b) Invasion and Introduction. **8**

5. Write short notes on:
a) Floral characters of Dilleniaceae. **4**
b) Floral characteristics of cactaceae. **4**
c) IUCN category. **4**
d) Endemism. **4**
