

2016

(October)

BOTANY

(Elective/Honours)

(Angiosperm Taxonomy, Economic Botany,
Ethnobotany and Phytogeography)

(BOT-ELH-301)

Marks : 56

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Answer Question No. 1 which is compulsory
and **four** questions, selecting
one from each Section

1. Write short notes on the following : 4×4=16
- (a) Barriers to plant migration
 - (b) Spikelets of Poaceae
 - (c) Processing of rubber
 - (d) Rules of priority

(2)

SECTION—I

2. Give an account of a natural system of classification of plants. Comment on its merits and demerits. $7+3=10$
3. Give an outline of the plant classification by Hutchinson. Mention its merits and demerits. $7+3=10$

SECTION—II

4. Describe the salient features of the family Lamiaceae and mention the botanical names of three economically important plants of the family. $7+3=10$
5. Describe the salient features of the family Zingiberaceae and write the botanical names of three economically important plants of the family. $7+3=10$

SECTION—III

6. Write notes on cultivation and processing of tea. $5+5=10$
7. What is ethnobotany? Write its significance. Describe the ethnobotanical uses of three plant species with their botanical classification. $2+2+6=10$

D7/126

(Continued)

(3)

SECTION—IV

8. Describe the floristic regions of India. 10
9. Write notes on the following : $5+5=10$
- (a) Difference between continuous and discontinuous distribution of plants
- (b) Concept of primary centre of origin of cultivated plants

D7—2400/126

3/EH-62 (iii) (Syllabus-2015)