

SECTION - C (2 ×20 = 40)*Answer ALL questions.**Each answer should not exceed 1,200 words.**All questions carry equal marks.*

15. (a) Explain the classification of Bentham and Hooker.

(OR)

- (b) Compare the floral characters of the families Sterculiaceae and Rutaceae.

16. (a) Describe the method of studying plant communities.

(OR)

- (b) Give an account of major and minor forest products.

Register Number :

Name of the Candidate :

5 7 0 3**M.Sc. DEGREE EXAMINATION, 2009**

(BOTANY)

(SECOND YEAR)

(PAPER - VII)

**210. TAXONOMY OF ANGIOSPERMS,
ECONOMIC BOTANY, ENVIRONMENTAL
BIOLOGY, PHYTOGEOGRAPHY AND
ELEMENTS OF FORESTRY**

(Including Lateral Entry)

December]

[Time : 3 Hours

Maximum : 100 Marks

SECTION - A (8 × 3 = 24)*Answer ALL questions.**Each answer should not exceed FIFTY words.**All questions carry equal marks.***Turn Over**

Explain the following :

1. Numerical taxonomy.
2. Tendrils in cucurbitaceae.
3. Essential oils.
4. Spiculet in poaceae.
5. Acid rain.
6. Global warming.
7. Extinction of plants.
8. Selection felling.

SECTION - B (6 × 6 = 36)

Answer ALL questions.

Each answer should not exceed 300 words.

All questions carry equal marks.

9. (a) Explain bio-systematics.
(OR)
(b) Give an account of citation.
10. (a) Give the importance of chemotaxonomy.
(OR)

- (b) Give a brief account of typification.
11. (a) Outline the salient features of the family Asteraceae.
(OR)
(b) Describe floral characters of Orchidaceae.
12. (a) Describe the cultivation of any two spices.
(OR)
(b) Give an account of timber yielding plants.
13. (a) Write notes on ecological succession.
(OR)
(b) Outline the methods of pollution control.
14. (a) Give the significance of ethanobotany.
(OR)
(b) Discuss continuous and discontinuous distribution.

(OR)

Turn Over