

E 3986

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Reg. No.....

Name.....

B.Sc. DEGREE (C.B.C.S.S.) EXAMINATION, OCTOBER 2016

Third Semester

Complementary Course—Zoology

ANGIOSPERM, TAXONOMY AND ECONOMIC BOTANY

(For Model I Zoology)

[2013 Admission onwards]

Time : Three Hours

Maximum : 60 Marks

Part A

Answer all questions.

Each question carries 1 mark.

1. What is the contribution of Linnaeus ?
2. What is natural system of classification ?
3. What is numerical taxonomy ?
4. What is the importance of field notes ?
5. What is ruminant endosperm ?
6. Name the family in which aggregate fruits are seen.
7. What is epicalyx ? What is its function ?
8. What is the medicinal importance of Adhatoda ?

(8 × 1 = 8)

Part B

Answer any six questions.

Each question carries 2 marks.

9. How disinfection of herbarium is done ?
10. What is apocarpom condition ?
11. What is meant by descendingly intricate aestivation ?
12. What is Pappus ?
13. What is a legume ?
14. What is an Umbel ?

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15. Explain papilionaceous corolla.
16. Mention the economic importance of Orchids.
17. What is the medicinal importance of *Boerhaavia* ?
18. What are Cereals ?

(6 × 2 = 12)

Part C

Answer any **four** questions.

Each question carries 4 marks.

19. Write short notes on Cyathium inflorescence.
20. Describe the fruits of Rutaceae.
21. Write notes on syngeneious anther.
22. Give an account of two spices studied by you.
23. What are the plants used as biopesticides ?
24. What are the distinguishing characters of the family Apocynaceae ?

(4 × 4 = 16)

Part D

Answer any **two** questions.

Each question carries 12 marks.

25. Mention the merits and demerits of Bentham and Hooker's system of classification.
26. Give an account of the different inflorescences studied by you.
27. Compare the subfamilies of Leguminosae.
28. Write notes on the medicinal plants studied by you.

(2 × 12 = 24)