

FACULTY OF SCIENCE

B.Sc. II Year (CBCS) (Practical) Examination, 2017

Semester-III

Subject: Botany

Paper: III - Taxonomy of Angiosperms and Medicinal Botany

QUESTION BANK

w.e.f. from 2017

Time: 3 hours}

{Marks: 50

Note: Answer all questions. Draw well labeled diagrams wherever necessary.

I. Assign the Specimens 'A, B' to their respective families, giving reasons. Describe and classify. (Description 5, Diagram 3, Floral formula and diagram 1, Classification 1) (2 x 10=20 marks)

1. Annonaceae
2. Capparidaceae
3. Rutaceae
4. Fabaceae
5. Caesalpinaceae
6. Mimosaceae
7. Cucurbitaceae
8. Apiaceae
9. Asteraceae
10. Asclepiadaceae
11. Lamiaceae
12. Amaranthaceae
13. Euphorbiaceae
14. Orchidaceae
15. Poaceae

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- II. Identify the given material 'C' & write its medicinal properties 1x5=5 marks
16. Tulasi (*Ocimum sanctum*),
 17. Karakaya (*Terminalia chebula*),
 18. Kalabanda (*Aloe vera*).
- III. Identify the specimen 'D' & write organoleptic evaluation 1x5=5 marks
19. Tippateega (*Tinospora cordifolia*)
 20. Turmeric (*Curcuma longa*)
- IV. Identify the given material 'E' & discuss the ethno medicinal value of it 1x5=5 marks
21. Aswagandha (*Withania somnifera*)
 22. Sarpagandha (*Rauwolfia serpentina*)
 23. Amla (*Phyllanthus emblica*)
 24. Brahmi (*Bacopa monnieri*)
- V. Identify the given material 'F' & Write the active principle and uses 1x5=5 marks
25. Pippallu (*Piper longum*)
 26. Karakaya (*Terminalia chebula*)
 27. Kalabanda (*Aloe vera*)
- VI. Herbarium 5 marks
- VII. Record 5 marks

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