

V Semester B.Sc. Examination, Nov./Dec. 2015

(Prior to 2013-2014) (OS)

BOTANY (Paper – V)

Taxonomy and Economic Botany

Time : 3 Hours

Max. Marks : 60

Instructions : 1) Answer *all* Parts.

2) **Draw diagrams wherever necessary.**

PART – A

A. Answer **any six** of the following :

1) Differentiate homogamous and heterogamous head.

2) What is staminal corona ? Give an example.

3) Mention two functions of Botanical Gardens.

4) Define species.

5) What is Didynamous condition ?

6) Mention two sources of commercial coir.

7) What is Cruciform Corolla ? Give an example.

8) What is Fleshy Drupe ? Give an example.

(6×2=12)

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PART – B

B. Describe/Explain **any six** of the following :

9) Spike let.

10) Tendrils of Cucurbitaceae.

11) Key characters of compositae.

12) Importance of computer applications.

13) Broad outline of Cronquists' classification system.

14) Botanical name and family part used and uses of castor and ocimum.

15) Timber yielding plants.

16) Differentiate parietal and axile placentation.

(6×4=24)



PART - C

C. Answer any three of the following :

(8x3=24)

- 17) Give comparative account of Labiatae and Rutaceae.
- 18) Give an account of medicinal plants you have studied.
- 19) Give an account of Botanical Gardens and their importance.
- 20) Field and Herbarium techniques.
- 21) Salient features of family Euphorbiaceae.

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