



UN – 559

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

(NS) (2013-14 and Onwards)

BOTANY (Paper – V)

Taxonomy and Economic Botany

Time : 3 Hours

Max. Marks : 70

Instructions : 1) Answer *all* Parts.

2) **Draw** diagrams *wherever* necessary.

PART – A

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

(7×2=14)

BMSCW

- 1) Mention any two Botanical Gardens at international level.
- 2) What is Berry ? Give an example.
- 3) What is herbarium ? Mention any two techniques.
- 4) What is Gynostemium ? Give an example.
- 5) What is Corymb ? Give an example.
- 6) What is tetradynamous condition ? Give an example.
- 7) What is Sorosis ? Give an example.
- 8) Differentiate parietal and axile placentation.
- 9) Give any two salient features of the family Caesalpinieae.

PART – B

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

(6×4=24)

- 10) Give any five plants of economic importance belonging to the family Gramineae.
- 11) Storage organs of Cruciferae.
- 12) Give an account of floras and their importance.
- 13) Any two kinds of spice yielding plants.



- 14) Key characters of Capparidaceae.
- 15) Write botanical name family part used and uses of lettuce and coffee.
- 16) Umbel
- 17) Head inflorescence.

PART - C

C. Answer **any four** of the following :

(8x4=32)

- 18) Give the comparative account of the family Magnoliaceae and Asclepiadaceae.
- 19) Give any two pulp and paper plants and two medicinal plants.
- 20) Give salient features of family Musaceae and add a note on its economic importance.
- 21) Give the comparative account of the family Papilionaceae and Lamiaceae.
- 22) Valid and effective publications.
- 23) Give an account of Botanical Gardens and their importance.

PART - B



- 14) Key characters of Capparidaceae.
- 15) Write botanical name family part used and uses of lettuce and coffee.
- 16) Umbel
- 17) Head inflorescence.

PART - C

C. Answer **any four** of the following :

(8x4=32)

- 18) Give the comparative account of the family Magnoliaceae and Asclepiadaceae.
- 19) Give any two pulp and paper plants and two medicinal plants.
- 20) Give salient features of family Musaceae and add a note on its economic importance.
- 21) Give the comparative account of the family Papilionaceae and Lamiaceae.
- 22) Valid and effective publications.
- 23) Give an account of Botanical Gardens and their importance.