



RAN-2403080404020002

M. Sc. (Sem. - IV) Examination September - 2025
Botany (Paper - 4002) Plant Taxonomy and Systematics

Time: 3 Hours]

[Total Marks: 70

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book
- (2) All questions are compulsory.
- (3) Figures to the right indicate marks of the corresponding question.

Seat No.:

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Student's Signature

Q. 1. A. Classify any one of the following family and describe its general characters.

Give scientific name of any two plants from each family.

(12)

1. Avertroaceae
2. Bombacaceae

B. Origin and evolution of Angiosperms

(10)

Q. 2. Describe (Any two)

(24)

- A. Numerical Taxonomy
- B. Fossil Angiosperms
- C. DNA hybridization technique in Taxonomy

Q. 3. Describe (Any two)

(24)

- A. Palynology in relation to taxonomy
- B. Herbarium Technique
- C. Famous botanical garden of India