



RAN-1903080403040001

M.Sc. (Sem.-III) Examination October - 2025

Botany-Phytogeography, Plant For Human Welfare And Plant Breeding (3004)

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

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| Q.1 | Attempt any one: | 16 |
| | a. Explain the main forest types of India and their floristic composition.
b. Write an essay on the importance of medicinal plants in human health care. | |
| Q.2. | Attempt any two: | 18 |
| | a. Write an account on social forestry and agroforestry.
b. Describe major forest products of India.
c. Write notes on self-pollinated and cross-pollinated crops with examples. | |
| Q.3. | Attempt any two: | 18 |
| | a. Describe in detail the history and objectives of plant breeding.
b. Give an account of common timber yielding plants.
c. Explain insecticides obtained from plants. | |
| Q.4 | Attempt any two: | 18 |
| | a. Discuss nutritive and medicinal values of fruits like Mango, Banana and Pomegranate.
b. Write notes on beverages: Coffee and Tea.
c. Explain Bonsai with its importance. | |