

A-0020

Total Pages : 4

Roll No.

MSCBOT-603

M.Sc. Botany (MSCBOT)

(Plant Resources Utilization and Conservation)

Examination, June 2025

Time : 2:00 Hrs.

Max. Marks : 70

Note :- This paper is of Seventy (70) marks divided into Two (02) Sections 'A' and 'B'. Attempt the questions contained in these Sections according to the detailed instructions given therein. *Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

Section-A

(Long Answer Type Questions) 2×19=38

Note :- Section 'A' contains Five (05) Long-answer type questions of Nineteen (19) marks each. Learners are required to answer any *two* (02) questions only.

1. Describe in detail any five timber yielding plants with their systematic classification and economic importance.
2. Give an account of sugar and starch yielding plants.
3. Describe any three medicinal plants, giving their botanical names, families and economic importance.
4. What is ethnobotany ? Describe its Concept, Scope and importance.
5. What is in-situ conservation ? Describe the strategies for in-situ conservation.

Section–B

(Short Answer Type Questions) 4×8=32

Note :— Section ‘B’ contains Eight (08) Short-answer type questions of Eight (08) marks each. Learners are required to answer any *four* (04) questions only.

1. Write a short notes on any *two* important edible oil yielding plants.
2. Write shorts notes on any *two* of the following :
 - (a) Energy crop

- (b) ICAR
 - (c) Wetlands and Mangrove
3. How would you distinguish between the following pairs :
- (a) In-situ and ex-situ
 - (b) National parks and Sanctuaries
4. Give the botanical names, family, morphological nature of plants part, economic products and use of any *two* of the following :
- (a) Hemp
 - (b) Neem
 - (c) Deodar
 - (d) Apricot
5. What are medicinal plants ? Describe any three medicinal plants.
6. Write short notes on any two of the following :
- (a) DBT
 - (b) Cryo banks
 - (c) IUCN

7. Write a note of any two important spices.
8. Write short notes on any *two* of the following :
 - (a) Biosphere reserve
 - (b) Beverages
 - (c) Fibre crops
