

A-1214

Total Pages : 4

Roll No.

MSCBOT-603

M.Sc. Botany (MSCBOT)

**Plant Resource Utilization and
Conservation**

Examination February, 2026

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.

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(1)

P.T.O.

1. Describe in detail any *four* edible oil yielding plants with their systematic classification and economic importance.
2. Describe the principle of Conservation of plant Biodiversity.
3. Describe any *three* spices and condiments, giving their botanical names, families and economic importance.
4. What is biodiversity conservation ? Describe the principle of biodiversity conservation.
5. What is cereals and Millets ? Describe any four cereals and Millets plants with their systematic classification, Botanical name and economic importance.

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 sugar yielding plants.
2. Write shorts notes on any *two* of the following :
 - (a) *Turmeric*
 - (b) Poppy
 - (c) Nuts
3. How would distinguished of the following pairs ?
 - (a) Wet lands and Coral reefs
 - (b) Gene bank and cryopreservation
4. Give the botanical names, family, morphological nature of plants part, economic products and use of any *two* of the following :
 - (a) Coconut
 - (b) Clove
 - (c) Datura
 - (d) Papaya
5. What is narcotics ? Describe any *two* narcotics.

6. Write short notes on any two of the following :
- (a) Pseudo cereals
 - (b) Red Data Book
 - (c) Protected areas in India
7. Write a note of any *two* important oil yielding plants.
8. Write short notes on any two of the following :
- (a) ICAR
 - (b) Aromatic Plant
 - (c) Sanctuaries
