K-359

MSCBOT-603

Plant Resource Utilization and Conservation

M.Sc. Botany (MSCBOT)

3rd Semester Examination, 2023 (Dec.)

Time : 2 Hours]   **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)

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.

(2×19=38)

1. Describe in detail any two medicinal plant and two Aromatic plants.

2. Give a detail account of fibre yielding plants.

3. Explain about principles of conservation. Describe in brief about IUCN.

4. Write an essay on BSI and ICAR.

5. Give a detail account on *ex-situ* and *in-situ* conservation.

SECTION–B

(Short Answer Type Questions)

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. (4×8=32)

1. Write a short note on any *three* important spices yielding plants of India.

2. Write short notes on any *two* of the following :
   (a) Cereals.
   (b) Pulses.
   (c) Millets.

3. How would you distinguish in the following pairs :

(a) National Park and Sanctuaries.

(b) Cotton and Jute.

4. Give the botanical name, morphological nature of plants part, economic products and use of any *two* of the following :

(a) Flax.

(b) Turmeric.

(c) Pearl Millet.

(d) Deodar.

5. What is protected areas? Describe in brief.

6. Write short notes any *two* of the following :

(a) DBT.

(b) Wetlands.

(c) Cryobank.

7. Describe about sugar and starch crops.

8. Write a short note on Vavilov's centres of origin.

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