

C070

Total Pages : 3

Roll No.

MBOT-602

Medicinal Plants

M.Sc. BOTANY(MSCBOT)

3rd Semester Examination, 2022 (June)

Time : 2 Hours]

Max. Marks : 40

Note : This paper is of Forty (40) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

SECTION–A

(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Ten (10) marks each. Learners are required to answer any Two (02) questions only.

(2×10=20)

1. What is conservation? Explain importance, demand and conservation of medicinal plants.

2. Discuss the various traditional systems of medicine in India in detail.
3. What are secondary metabolites? Explain their role in establishment of alternative medicine.
4. Describe the morphology and active principles of *Rauwolfia* and *Chlorophytum*.
5. Discuss in detail the morphology, cultivation method and uses of *Aloe barbadensis*.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Five (05) marks each. Learners are required to answer any Four (04) questions only. (4×5=20)

1. Write short notes on drug adulteration.
2. Write a brief note on cryopreservation.
3. Field gene bank of medicinal plants.
4. Scope of pharmacognosy.

5. Discuss the role of phytochemicals in modern medicine.
 6. Medicinal values of *Withania somnifera* (Ashwagandha).
 7. Give a brief note on morphology and active principles of Turmeric.
 8. Write a short note on the importance of Ethnobotany.
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