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[Roll No.]

NWFP-102

**Diploma in Non-Wood Forest Products
(DNWFP) Ist Semester Examination Dec. 2023**

MEDICINAL AND AROMATIC PLANTS

Time : 2 Hours]

[Max. Marks : 100

Note :- This paper is of Hundred (100) marks divided into two (02) Sections 'A' and 'B'. Attempt the questions contained in these Sections according to the detailed instructions given there in. 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 2×26=52

Note :- Section 'A' contains Five (05) Long-answer type questions of Twenty Six (26) marks each. Learners are required to answer any *two* (02) questions only.

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(1)

P.T.O.

1. Write a detailed note on processing of medicinal and aromatic plants (MAPs).
2. Discuss of the following :
 - (a) Wild collection of medicinal and aromatic plants.
 - (b) Explain post-harvest processing of MAPs.
3. Write a detailed note on the harvesting management practices of Medicinal and Aromatic Plants (MAPs).
4. Discuss in-detail about the History, Scope Opportunities and constrains in cultivation of medicinal and Aromatic Plants in India.
5. What do you understand by the Conservation ? Discuss the various methods of conservation methods of MAPs. Also discuss the various challenges of MAP Sectors.

Section–B

Short Answer Type Questions 4×12=48

Note :- Section 'B' contains Eight (08) Short-answer type questions of Twelve (12) marks each. Learners are required to answer any *four* (04) questions only.

Briefly explain the following :

1. Medicinal plants used in traditional health care systems.
2. Traditional knowledge and IPR.

3. Post-harvest management.
4. Need of sustainable harvesting of MAPs.
5. Name 10 species of medicinal plants of Uttarakhand which prioritized for conservation by NMPB.
6. Botanical gardens.
7. Depletion of wild population of MAPs.
8. Threats to MAPs.
