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H-BP-603

**B. Pharma. (Semester-VI) (Main/ATKT)
Examination, 2022**

HERBAL DRUG TECHNOLOGY

Time Allowed : Three Hours

Maximum Marks : 75

Minimum Passing Marks : 28

Note : Attempt **all** sections as directed.

Section-I

Note : Answer **all** questions. Each question carries **two** marks.

[2x10=20]

1. Define the term 'herbal medicine'.
2. Enlist the different sources of herbs.
3. Give examples of biopesticides.
4. Define Nutraceuticals.
5. Write uses of Alfalfa.

6. Mention the side effects of Ginseng.
7. Give two examples of herbal colorants.
8. Name the different IPRs.
9. Define Patent.
10. Name four aromatic plants.

Section-II

(Long answer type questions)

Note : .Answer **any two** questions. Each question carries **10** marks. [10x2=20]

1. Explain the identification and authentication process of herbal drugs.
2. Discuss in detail any two Nutraceuticals.
3. Explain objectives and components of GMP with reference to herbal materials.

Section-III

(Essay Type Questions)

Note : Answer **any seven** questions. Each question carries **5** marks : [7x5=35]

1. Briefly discuss the basic principles of Unani system.
2. Discuss the preparation of Aristas :
3. Discuss Ginger as health food.
4. Explain herbal drug interactions with examples.
5. Discuss novel herbal formulations.
6. Briefly discuss stability testing of herbal drugs.
7. Discuss the different Indian regulatory bodies with respect to herbal drugs.
8. Write the evaluation parameters for herbal excipients.
9. Give a brief account of herbal drug industries in India.

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