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**B. Pharma. (Sixth Semester)
EXAMINATION, MAY-JUNE, 2022
Paper Third
HERBAL DRUG TECHNOLOGY**

Time : Three Hours]

[Maximum Marks : 75

Note : Attempts all sections as directed

(Section-A)

(Objective/Multiple Choice Questions)

(2 marks each)

Note- Attempt all questions.

1. The study of use of medicinal plants are known as
 - (A) Herbarium
 - (B) Herbalism
 - (C) Pharmacognosy
 - (D) None

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2. Spirulina is another name of
 - (A) Cyanobacterium
 - (B) Fungi
 - (C) Alkaloid
 - (D) Bacteria
3. Homeopathy system of medicine is based on the principle of
 - (A) Law of Similar
 - (B) Minimum Dose
 - (C) Totality of Symptoms
 - (D) All
4. Ark contains
 - (A) Herbal Juices
 - (B) Powdered Drugs
 - (C) Distillates of Drugs
 - (D) Medicated butters
5. Kava-Kava interaction are due to
 - (A) Cyt. P-450
 - (B) MAO
 - (C) COMT
 - (D) None
6. Bio pesticides includes
 - (A) Biofungicides
 - (B) Bioherbicides
 - (C) Bioinsecticides
 - (D) All of above

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7. Components of GMP includes
 - (A) Training staff
 - (B) Quality control of finished product
 - (C) Quality control of raw material
 - (D) All
8. CDSCO means
 - (A) Central Drug Standard Control Office
 - (B) Central Drug Standard Control Organization
 - (C) Central Drug Standard Committee Organization
 - (D) Central Drug Standard Committee
9. DTAB means
 - (A) Drug Technical Admission Board
 - (B) Drug Technical Advisory Board
 - (C) Drug Technical Adverse Board
 - (D) Drug Technical Advice Board
10. IPR means
 - (A) Indian Pharmaceutical Research
 - (B) Intellectual Property Rights
 - (C) Indian Pharmacy Rights
 - (D) International Property Rights

(Section- B)

(Short Answer Type Questions)

(5 marks each)

Note : Attempt any seven questions.

1. What are objective of GMP.

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2. Write a note on bio prospecting.
3. Enumerate all four climatic zone for the purpose of stability testing.
4. Define phytomes and enumerate any three methods for their preparation.
5. What are colorants give their classification.
6. What do you mean by herb-drug and herb-food interaction? Glve its type with suitable example.
7. What are nutraceuticals? Discuss market and growth of nutraceuticals.
8. Write a note on Pest and Pest control method **OR** Organic farming.

(Section - C)

(Long Answer Type Questions)

(10 marks each)

Note : Attempt any two questions.

1. Explain principle of Unani system of medicine.
2. What are the Churnas? Describe in detail about their method preparation. Give a note on general procedure for standardization of Churna.
3. Write a note on Patenting and Regulatory requirements of natural products.
4. Write a note on scope and future prospects of herbal drug industry in India.