

**BACHELOR OF PHARMACY (B. PHARM.) (CBCS-2019 COURSE)**  
**B. Pharm. Sem-VI : WINTER- 2022**  
**SUBJECT : HERBAL DRUG TECHNOLOGY**

Day : Monday

Time : 10:00 AM-01:00 PM

Date : 23-01-2023

**W-20682-2022**

Max. Marks : 75

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**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Answer to both section should be written in **SEPARATE** answer books.
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**SECTION-I**

**Q.1** Answer all questions: **(20)**

- i) Define and classify herbs with suitable examples.
- ii) What is pest? Give two examples.
- iii) Explain law of *similibus* used in homoeopathy.
- iv) Explain antioxidants used in oral hygiene product.
- v) Give biological source of Ashwagandha.
- vi) Give any two herb drug interaction of Hypericum.
- vii) What is Asava and Arishta? Give two examples.
- viii) Explain different sources of herbs. Give two examples.
- ix) Explain concept of Siddha System of Medicine.
- x) Explain the process of drying of crude drug.

**Q.2** Answer **ANY TWO** from the following: **(20)**

- i) Explain problems involving patenting of herbal drugs. Discuss any one case study.
- ii) What are nutraceuticals? Explain role of nutraceuticals in prevention of cardiovascular diseases.
- iii) Discuss WHO guidelines for evaluation of herbal drugs.

**SECTION-II**

**Q.3** Answer **ANY SEVEN** from the following: **(35)**

- i) Give classification of herbal excipients with suitable examples.
- ii) Which are different GMP requirements for drugs from Indian System of Medicine.
- iii) What is biodynamic agriculture? Write note on Cow Pat Pit and biodynamic field spray.
- iv) Define biopesticides. Explain with suitable examples.
- v) Write manufacturing and standardization of Bhasma.
- vi) Write note on Churna and Gutika.
- vii) Write present scope and future perspectives of herbal drug industry.
- viii) Explain composition and working of ASU DTAB.
- ix) Write in detail storage of crude drugs.

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