

B PHARM
(SEM VI) THEORY EXAMINATION 2022-23
HERBAL DRUG TECHNOLOGY

Time: 3 Hours

Total Marks: 75

Note: 1. Attempt all Sections.

SECTION A

- 1. Attempt all questions in brief. 10 x 2 = 20**
- a. What is Schedule T
 - b. Write the advantage of Biopesticides.
 - c. Write the Characteristics of Hair dye.
 - d. Give the source chemical constituents and uses of any two natural gums.
 - e. What is Gutika?
 - f. Define flavors. Mentioned two examples of natural flavoring agents.
 - g. Write down the biological source of Any two natural coloring agents.
 - h. Define organic forming.
 - i. Mentioned the constituents and uses of spirulina.
 - j. Write a short note on natural binders and diluents used in herbal excipients.

SECTION B

- 2. Attempt any two parts of the following: 2 x 10 = 20**
- a. Explain the need for quality control of Raw materials and extracts. Describe WHO guidelines for quality control of herbal drugs.
 - b. Define and classify nutraceuticals with examples. Gives the source and uses of Spirulina.
 - c. Define and classify herbal excipients with examples. Describe herbal excipients in cosmetics.

SECTION C

- 3. Attempt any five parts of the following: 7 x 5 = 35**
- a. Explain the health benefits of Nutraceuticals for diabetes.
 - b. Role of Antioxidants for the skin disorder. Support your answer with suitable examples.
 - c. Write a note on morphological authentication of medicinal plants.
 - d. Write a scope and future prospects of the herbal drug industry.
 - e. Write a note on binders and diluents used as an herbal excipients.
 - f. Discuss Herbal drugs and Herbal- food interactions with examples.
 - g. Write a note on
 - I. Bhasma
 - II. Lehyas