Printed Pages: 01 **Sub Code: BP603T**

Paper Id: 232117 **Roll No.** | | | | | | | | | | |

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

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