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BPHARM
(SEM VI) THEORY EXAMINATION 2024-25
HERBAL DRUG TECHNOLOGY – THEORY

TIME: 3 HRS

M.MARKS: 75

Note: Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt all questions in brief.

10 x 2 = 20

a.	What is secondary processing of raw materials used in herbal drug preparation?
b.	What is Farmers right?
c.	What do you understand by the term 'organic farming'?
d.	Mention any two antioxidants used as skin care products.
e.	What are the major contaminants in herbal formulations?
f.	Write down the full forms of ASU-DTAB and ASU DCC.
g.	Give the health benefits of Garlic as nutraceutical.
h.	Mention any two natural sweeteners and viscosity builders used as herbal excipients.
i.	What are conventional herbal formulations? Give suitable example.
j.	Differentiate between Aristhas and Asavas.

SECTION B

2. Attempt any two parts of the following:

2 x 10 = 20

a.	Explain in detail good agricultural practices (GAP's) as per WHO guidelines in cultivation of medicinal plants.
b.	Write an exhaustive note on market growth, scope and types of nutraceutical products available in market.
c.	Write a detailed note on raw materials used as fixed oils and protecting agents in preparation of skin care products.

SECTION C

3. Attempt any five parts of the following:

7 x 5 = 35

a.	Contrast the different steps involved under Herbal drug preparation.
b.	Define stability testing. What are the different factors affecting the stability of herbal formulations.
c.	Write about different pest controlling techniques under organic farming.
d.	Discuss the case study of Neem as biopiracy.
e.	Write a brief note on present scope and future prospects of herbal drug industry.
f.	Write a short note on- a) Herbal syrups b) Phytosomes
g.	What are the possible side effects and interactions of Ginseng and Garlic?