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BPHARM
(SEM IV) THEORY EXAMINATION 2024-25
PHARMACOGNOSY I – THEORY

TIME: 3 HRS**M.MARKS: 75**

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A**1. Attempt all questions in brief.****10 x 2 = 20**

a.	Enlist source of crude drug with example.
b.	Give significance of pharmaceutical aids.
c.	Enumerate physico- chemical properties of tannins.
d.	Differentiate primary and secondary metabolites.
e.	Enlist therapeutic uses of honey.
f.	Write biological source of cotton.
g.	Define the term pharmaceutical aids.
h.	Mention various types of natural allergens.
i.	Define the term pharmacognosy.
j.	Enlist plant growth regulators.

SECTION B**2. Attempt any two parts of the following:****2 x 10 = 20**

a.	Give definition, classification, physico- chemical properties and identification tests for alkaloids.
b.	Discuss about different factors affecting cultivation of crude drugs with suitable examples.
c.	Elaborate basic principle involved in homeopathic system of medicine and mention the role of pharmacognosy in homeopathic system of medicine.

SECTION C**3. Attempt any five parts of the following:****7 x 5 = 35**

a.	Give a detail note on teratogen and Hallucinogens.
b.	Discuss historical development of plant tissue culture technique.
c.	Describe about hybridization with reference to medicinal plants.
d.	Give pharmacognostic study of acacia and agar
e.	Discuss about polyploidy with reference to medicinal plants.
f.	Discuss about Mutation in detail.
g.	Give pharmacognostic study of castor oil and bee wax.