Subject Code: BP405T

Roll No:

BPHARM
(SEM IV) THEORY EXAMINATION 2021-22
PHARMACOGNOSY I – THEORY

Time: 3 Hours *Total 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.	What do you mean by edible vaccines?
b.	Discriminate organized and unorganized crude drugs.
c.	Classify sources of crude drugs.
d.	Mention principle of Unani System of Medicines
e.	Define flavonoids. Write their identification test.
f.	Discuss hallucinogen and teratogens with example.
g.	Write formulae of stomatal index and lycopodium spore methods.
h.	Define hybridization and mutation with example.
i.	Biological source and uses of Jute and hemp.
j.	Enlist different methods of propagation.

SECTION B

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

a.	Define and classify alkaloids. Describe identification test of alkaloids.
b.	Describe biological sources, chemical composition and uses of any four of the following drugs. a) Honey b) Papain c) Acacia d) Castor oil e) Chaulmoogra oil
c.	Discuss about different factors affecting cultivation of crude drugs with suitable examples.

SECTION C

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

a.	*Write exhaustive notes on Ayurvedic and Homeopathic System of Medicines.*
b.	*Discuss physical and chemical evaluation parameters of adulteration.*
c.	*Define and classify glycosides. Discuss chemical test of cardiac and saponin glycosides.*
d.	*Write notes on a) Auxin and cytokinin b) Novel medicinal plants from marine sources.*
e.	*Explain in brief about alphabetical, chemical and pharmacological classification of crude drugs.*
f.	*Describe biological sources, preparations and uses of streptokinase and tragacanth.*
g.	*Write notes on nutritional requirement and growth of plant tissue culture.*

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