



PAPER ID-310456

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Subject Code: BP405T

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**BPHARM**  
**(SEM IV) THEORY EXAMINATION 2023-24**  
**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.	Define Pharmacognosy & crude drugs with suitable examples.
b.	Enlist various plant tissue cultures.
c.	What is biological source of cotton & silk?
d.	What is the role of Auxin in plant?
e.	What is biological source of Bees wax & Wool fat?
f.	What is the pharmaceutical significance of Gelatin?
g.	Define Tannins. What are the identification tests for Tannins?
h.	What do you mean by Edible vaccine?
i.	Define polyploidy & mutation with examples.
j.	Differentiate organized and unorganized crude drugs with examples.

**SECTION B**

**2. Attempt any *two* parts of the following:**

**2 x 10 = 20**

a.	Define evaluation. Write a detailed note on physical evaluation of crude drugs.
b.	Describe biological source, chemical composition, uses of Castor oil & Agar.
c.	What are various factors affecting cultivation of medicinal plants? Discuss with suitable examples.

**SECTION C**

**3. Attempt any *five* parts of the following:**

**7 x 5 = 35**

a.	Explain classification of crude drugs with suitable examples.
b.	Discuss the complete Pharmacognosy of Honey.
c.	What is Alkaloids? Write classification, properties & identification tests of alkaloids.
d.	What is adulteration? Explain various types of adulteration with suitable examples.
e.	Discuss about history & scope of Pharmacognosy.
f.	Discuss ayurvedic system of medicine and its role of Pharmacognosy.
g.	What is hybridization? How it is significant in plant cultivation?