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**BPHARM**  
**(SEM V) THEORY EXAMINATION 2025-26**  
**PHARMACOGNOSY AND PHYTOCHEMISTRY II**

TIME: 3 HRS

M.MARKS: 75

## SECTION A

1. Attempt all questions in brief.

10 x 2 = 20

a.	Write therapeutic uses of Ruta.
b.	Write the benefits of Rauwolfia.
c.	Discuss the use of coriander.
d.	Write the biological source of artemisinin.
e.	Write a note on colophony.
f.	Write a note on asafetida.
g.	Define crude drug.
h.	Write the use of podophyllotoxin.
i.	Write the applications of curcumin.
j.	Write the biological source of caffeine.

## SECTION B

2. Attempt any two parts of the following:

2 x 10 = 20

a.	Explain shikimic acid pathway and write the secondary metabolites produced from this pathway
b.	Write the pharmacognosy of digitalis.
c.	Write a note on modern methods of extraction.

## SECTION C

3. Attempt any five parts of the following:

7 x 5 = 35

a.	Explain How the utilization of radioactive isotopes is important in the investigation of Biogenetic studies.
b.	Discuss the outcomes of acetate pathway.
c.	Write the therapeutic use and commercial applications of opium.
d.	Discuss the industrial production of atropine.
e.	Write the biological source and therapeutic use of belladonna.
f.	Write the pharmacognosy of bitter almond.
g.	Write the pharmacognosy of Myrrh.