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Reg. No.....

Name.....

B.PHARM. DEGREE EXAMINATION, APRIL 2025

Third Year

PHARMACOGNOSY—II

(2003 – 2015 Admissions—Last and Final Mercy Chance)

Time : Three Hours Maximum : 80 Marks

Answer any **four** *questions from Part A and any* **four** *questions from Part B.*
Answer Part A and Part B in **separate** *answer-books.*
All questions carry equal marks

Part A

1. Define and classify glycosides, and give the pharmacognoistic scheme for Senna. (10)

2. (a) Briefly discuss about tropane alkaloids with example.
   (b) Give the biological source, chemical constituents and uses of Ginseng and Thivetia. (5 + 5 = 10)

3. (a) Give the biological source, cultivation collection, chemical constituents and uses of Cinchona.
   (b) General tests for identification alkaloids. (5 + 5 = 10)

4. Define essential oils, classify different extraction methods of essential oils. (10)

5. (a) Discuss about umbelliferous fruits with example.
   (b) Life cycle of ergot. (5 + 5 = 10)

[4 × 10 = 40]

Part B

6. (a) What are flavonoids give the general method extraction ?
   (b) Give the biological source and adulterants of Clove. (5 + 5 = 10)

7. (a) Discuss about cardiac glycosides, write note on digitals.
   (b) Give the source, chemistry and uses of Datura and Belladonna. (5 + 5 = 10)

Turn over

8. (a) Write the history of Ephedra.

   (b) Write the pharmacognosy of Nuxvomica and vasaka.

(5 + 5 = 10)

9. Give the biological source, preparation, chemical constituents and uses of Aloe.

(10)

10. (a) Discuss the cultivation, collection and preparation of Opium.

    (b) Write note on saponin glycoside with example.

(5 + 5 = 10)

[4 × 10 = 40]