

**Second Year Pharm D Degree Supplementary Examinations**  
**April 2025**  
**Pharmacognosy & Phytopharmaceuticals**

**Time: 3 Hours**

**Total Marks: 70**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers*
- *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays**

**(3x10=30)**

1. Explain the morphology and microscopy of Fennel
2. Define carbohydrates. Explain the classification, chemistry and identification tests for carbohydrates
3. Explain in detail about general methods of cultivation and collection of medicinal plants.

**Short notes**

**(8x5=40)**

4. Discuss the role of neem as a natural pesticide.
5. Define and classify proteins.
6. Explain the Morphological and Chemical classification of crude drugs.
7. Write the source, production, identification test and uses of Gelatin
8. Explain the scope of Pharmacognosy.
9. Write a note on different types of adulteration of crude drugs.
10. Classify natural fibres and write a note on cotton
11. Write the biological source, method of production, chemical constituents, and uses of Castor oil.

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