

QP CODE: 203326

Reg. No: .....

**Second Year Pharm D Degree Supplementary Examinations  
March 2023**

**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. Discuss in brief how various extrinsic and intrinsic factors affect the cultivation of medicinal plants.
2. What are natural pesticides. Write a detailed note on Neem.
3. Write the definition, classification, chemistry and qualitative tests for Carbohydrates.

**Short notes**

**(8x5=40)**

4. What are tannins. Explain different methods of estimation of tannins.
5. Discuss the role of Pyrethrum as natural pesticide.
6. Discuss briefly the history of Pharmacognosy.
7. Discuss anatomy of Rauwolfia.
8. Write the source, preparation, tests and uses of Gelatin.
9. Define and classify resins.
10. Describe preparation of Bees wax and Shark liver oil.
11. Give the method of cultivation of Opium.

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<b>CORRECTION / NO-CORRECTION FILE</b>
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**QPCODE: 203326**

**Dated: 03-04-2023**

**Question No.4**

**Replaced with "What are Lipids. Explain different methods of estimation of Lipids".**

**Question No.9**

**Replaced with "Define and classify Proteins".**

**Question No.11**

**Replaced with "Give the method of cultivation of Cinnamon".**

**Corrections/Modifications/Replacement of Questions if any shall be made available to all students. Take the print out of the Correction File in such cases and distribute to all students.**

**(Sd/-)**

**CONTROLLER OF EXAMINATIONS**