

QP CODE: 102326

Reg. No:

**First Year Pharm D Degree Supplementary Examinations
February 2026**

Paper II - Pharmaceutics

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. Define posology. Enumerate different factors affecting the selection of the dose of a drug.
2. Define emulsion. Write the advantages and disadvantages of emulsion. Classify emulsifying agents.
3. Define suppositories. Describe the various methods used for the preparation of suppositories.

Short notes:

(8x5=40)

4. Explain the preparation of effervescent powder.
5. What are the differences between mouthwash and throat paint.
6. Define menstrum and marc. Mention various solvents used in the extraction processes.
7. Define incompatibility. Explain any one physical incompatibility with suitable example.
8. Explain the theoretical aspects of formulation including adjuvant like stabilizers, colorants, flavours with examples in Monophasic liquid dosage forms.
9. How much of a 3% ointment must be added to 50 gram of a 15% ointment to make 10% ointment.
10. Differentiate flocculated and deflocculated suspension.
11. Explain the factors affecting dose selection. Give any two formulae to calculate children's dose.

CORRECTION / NO-CORRECTION FILE
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QPCODE: 102326

Dated: 04-02-2026

Question No. 1

Modified as "Define posology. Explain different factors affecting the selection of the dose of a drug."

Question No. 9

Modified as "Calculate the quantity of 3% ointment and 15% ointment required to make 10% ointment."

Question No. 11

Modified as "Give different formulae to calculate children's dose."

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