

QP CODE: 102326

Reg. No:

**First Year Pharm D Degree Regular/Supplementary Examinations
February 2023**

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. What is a prescription. Write and explain the importance of different parts of prescription (2+8)
2. What are suspensions? What are its advantages? Explain the formulation components of suspensions (2+3+5)
3. What are suppositories and pessaries. What are their applications. How are they prepared. Explain. (3+3+4)

Short notes:

(8x5=40)

4. What are different ways to identify type of emulsion. Explain.
5. Write briefly on development of Pharma industries in India.
6. Briefly write on BP
7. An ointment contains 2.5% w/w calamine. How much calamine powder that should be added to 200 g of the ointment to produce a 3% w/w calamine ointment.
8. List and explain the advantages and disadvantages of Powders as a dosage form.
9. List and explain the need of ingredients used in a tooth powder.
10. How to improve stability of emulsion. Explain.
11. Dusting powders, Eutectic powder and their uses.
