

QP Code: 123006

Reg. No.....

**First Semester B.Pharm Degree Regular/Supplementary Examinations
February 2020**

Pharmaceutics- I

(2017 Scheme)

Time: 3 Hours

Max. Marks: 75

- *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*

Essay

(2x10=20)

1. Define prescription. Discuss the various parts and handling of prescriptions.
2. Describe the preparation and identification methods of emulsion. Summarize the factors influencing the stability of emulsion.

Short Notes

(7x5=35)

3. Outline the historical background and development of Pharmacy
4. How much amount of water should be mixed with 6000 ml of 40% (v/v) alcohol to make 20% (v/v) alcohol
5. Flocculated and deflocculated suspension
6. What is throat paint
7. Suspending agents
8. Brief the methods for the preparation of suppositories
9. Briefly write the preparation of gels

Answer Briefly

(10x2=20)

10. Define pharmacopoeia, and list out the pharmacopoeias being referred extensively
11. Excipients used in the formulation of liquid dosage forms
12. Outline the formulae by which doses are calculated depending on age
13. Proof spirit
14. Classify powders with examples
15. Eutectic mixtures
16. What is Liniment
17. Fried's formula
18. What is therapeutic incompatibility
19. Define gels, and mention different gelling agents
