

QP Code: 123006

Reg. No.....

**First Semester B.Pharm Degree Supplementary Examinations
August 2019**

**Pharmaceutics- I
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- **Answer all questions**
- **Write equations wherever necessary**

Essay

(2x10=20)

1. Give a detailed account of powders.
2. Classify semisolid dosage forms. Explain the mechanism and the factors influencing dermal penetration of drugs.

Short Notes

(7x5=35)

3. Errors in prescription.
4. Explain pediatric dose calculation based on age, body weight and body surface area.
5. Give the advantages and disadvantages of suspension.
6. Solubility enhancement techniques
7. Explain evaluation of suppositories.
8. Compare and contrast ointment and cream.
9. Define gels and explain the preparation of gels.

Answer Briefly

(10x2=20)

10. Define synergism with example.
11. What is antagonist effect. Give examples.
12. Define isotonic solution.
13. What is geometric dilution
14. What is displacement value
15. Define suspension and give examples
16. List out the suppository bases with examples.
17. Define gargles.
18. Define emulsion and give examples
19. Differentiate between paste and gels.
