

Course : B. Pharmacy
 Subject Name : Pharmaceutics-I
 Max Marks : 75

Sem: I
 Subject Code : BP103T
 Duration : 3 Hr.

Instructions:

1. All questions are compulsory
2. Draw diagrams / figures wherever necessary
3. Figures to right indicate full marks

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Q. 1. Objective Type Questions (Answer all the questions) (10 x 2) = 20

- i) Enlist the ideal characteristics of ointment base.
- ii) Define pharmaceutical powder? Enlist advantages of powder.
- iii) Differentiate between flocculated & deflocculated suspension
- iv) Find the strength of 75% v/v & 45% v/v alcohol in terms of proof spirit?
- v) Define suspension and enlist the ideal characteristics of suspension.
- vi) What is eutectic mixture? Give one example of it.
- vii) Define syrup and classify it.
- viii) Classify semisolid dosage form along with example.
- ix) Give advantages and disadvantages of liquid dosage form.
- x) Define – a) Liniment, b) Lotion

Q. 2. Long Answers (Answer 2 out of 3) (2 x 10) = 20

- i) Define incompatibility? Enlist different types of it. Explain in detail about physical incompatibility with remedies.
- ii) Define Emulsion? Explain in detail method of preparation of emulsion.
- iii) Define Suppository. Write advantages and disadvantages of suppository. Explain in details method of preparation of suppositories along with evaluation test of suppository.

Q. 3. Short Answers (Answer 7 out of 9) (7 x 5) = 35

- i) Define Prescription and explain the various parts of prescription in detail.
- ii) Write in brief about various identification tests for emulsion.
- iii) Comment on bases used for ointment preparation.
- iv) Define & classify dosage form with suitable examples.
- v) Write a short note on Throat Paint.
- vi) If adult dose of drug is 400mg, what will be the dose of the drug for:
 - i) A child of 10 years & ii) 6 months old infant.
- vii) Define suspension. Write stability problems of suspension with remedies to overcome it.
- viii) Give various types of chemical incompatibilities in detail
- ix) Write short note on dusting powder.

— END OF THE PAPER —