

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) Define Pharmacopoeia. Add a note on Indian Pharmacopoeia.
ii) Enlist type of Suppositories.
iii) Define posology. Enlist the factors affecting dose of a drug.
iv) Define Prescription? Enlist the different parts of Prescription.
v) Calculate the quantity of Sodium chloride required for 500 mL of 0.9% solution.
vi) Define Syrup. Differentiate between Syrup USP & Syrup BP.
vii) Explain the mechanism of action of solubilizing agents in enhancing the solubility.
viii) Explain the different preservatives used in pharmaceuticals.
ix) Define Powder and Classify its.
x) Define suspensions with their advantages and disadvantages as a biphasic liquid dosage form.

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

- i) Define prescription. Explain in detail parts of prescription. Add a note on types of Prescription.
ii) Define Suspension. Classify them & Discuss the formulation aspects of suspension.
iii) Define pharmacopoeia. Classify the compendia and explain in detail the development of Indian Pharmacopoeia.

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

- i) Write a note on the Code of Ethics drafted by PCI.
ii) Write a note on history of pharmacy profession.
iii) What are the factors affecting posology?
iv) Write a short note on Handling of Prescription.
v) Write a Note on Factors affecting dose of a drug.
vi) Discuss various formulation aspects of suspensions.
vii) Write a note on Therapeutic Incompatibility.
viii) Define suppository and give the importance of displacement value in preparation with example.

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