

Hemchandracharya North Gujarat University, Patan
Bachelor of Vocation

Pharmaceutical Chemistry Semester - I
End Term Examination, December 2018
(PC112) Pharmaceutics (Basic Principle)

Time: 2 hrs

Date: 11/12/2018

Maximum marks: 50

Q.1 Answer any 9 questions. Each question carries 1 mark.

(9*1=9Marks)

1 Define: Allotropy.

2 Define Suspension.

3. Match of the following

Dosage form

Route of administration

1) Cream

Parenteral

2) suppository

Oral

3) Capsule

Topical

4) Injection

Rectal

4. _____ is Gaseous Dosage form.

5. True /False: Eye drop monophasic liquid dosage form

6. Define : Elixir

7. Define Dosage form.

8. Define : Unit Dose.

9. Give full form API

10 Solution has _____ phase. (1,2)

Q. 2 Answer any 5 questions. Each question carries 4 marks.

(5*4=20Marks)

1. Explain Significance of Suspension.

2. Write a note on Eutectic Mixture.

3. Why excipients are required in formulation of Dosage form?

4. Differentiate Enantiotropy & Monotropy

5 Explain BCS classification of drug

6. write mode of heat transfer.

Q.3 Answer any 3 question. Each question carries 7 marks.

(3*7=21Marks)

1. Classify Type of Dosage form as per Route of Administration

2. Write a note on Stability of emulsion

3. Give Difference between Flocculated Suspension & Deflocculated Suspension.

4. Write a note on Filtration Process.

5. Write a note on syrup.