

Hemchandracharya North Gujarat University, Patan
Bachelor of Vocation
Pharmaceutical Chemistry Semester - I
End Term Examination, December, 2016
(PC112) Pharmaceutics (Basic Principle)

Time: 2 hrs

Date: 20/12/2016

Maximum marks: 50

Q.1 Answer all questions. Each question carries 1 mark.
(OBJECTIVE QUESTIONS)

(9*1=9Marks)

1. _____ & _____ Dosage form must be sterile.
2. Enlist type of Pressure.
3. Match of the following

Dosage form	Route of administration
1) Cream	Parenteral
2) suppository	Oral
3) Capsule	Topical
4) Injection	Rectal
4. Comment: Reynolds' no. is unit less.
5. True /False: As Dielectric constant of solvent decrease, solubility also decrease
6. COA is issued only for finished product.
6. Define suspension.
7. Define Dosage form.
8. Give full form API.
9. Give equation for PH value.
10. Give a type of container. any four.

Q. 2 Answer any 5 questions. Each question carries 4 marks.
(SHORT QUESTIONS)

(5*4=20Marks)

1. Note on Filtration.
2. Explain principle for mode of Heat transfer..
3. Note on complexation.
4. Brief on type of fluid flow.
5. Write special labeling condition of Gargle, Aerosol ,liniment, Enema, Suspension
6. Give comparison of solid Dosage form & liquid Dosage form

Q.3 Answer any 3 question. Each question carries 7 marks.
(DESCRIPTIVE QUESTIONS)

(3*7=21Marks)

1. Give Difference between Flocculated Suspension & Deflocculated Suspension.
2. Derive Ideal gas Law from Charle's law, Boyie's Law & Gay-lussac law.
3. Write a note on polymorphism.
4. Classify Type of Dosage form as per physical State.