

Pramukh Swami Science & H.D. Patel Arts College, Kadi

Bachelor of Vocation Pharmaceutical Chemistry Semester- I

**Mid Sem Examination, November- 2016,
(PC112) Pharmaceutics (Basic Principle)**

Time: 2 hours 09/11/2016 Total Marks: 60

Que-1. Answer any 12 questions. Each question carries 1 mark [12]

1. Define Dosage form
2. Write down 4 example of Solid Dosage form.
3. Two miscible liquid has _____ Phase. (1, 2)
4. Match of the following
Dosage form Route of administration
1) Cream Parenteral
2) suppository Oral
3) Capsule Topical
4) Injection Rectal
5. What is full form of API
a) Active Pharmaceutical Ingredient
b) Activate Pharmaceutical Ingredient
c)Active Reformulation Ingredient
d)Area polymorphism Ingredient
6. _____ Dosage form must be sterile.
7. What is filter aid. Give example
8. Match of the following
Dosage form Physical State
a) Tablet Semisolid
b) Suppository Solid
c) Elixir Gas
d) Aerosol Liquid
9. Give full form of BSC
10. Define Crystallization
11. Reasons of True /False: As Dielectric constant of solvent decrease, solubility also decrease.
12. Give definition of emulsion
13. True /False :Eye drop is sterile solution.

Que.2. Answer any five questions. Each question carries 4marks [20]

- 1) Explain principle for mode of Heat transfer.
- 2) Note on Solute- Solvent interaction.
- 3) Write about Stability of Emulsion.
- 4) Write special labeling condition of Gargle, Aerosol ,liniment, Enema, Suspension
- 5) Give comparison of solid Dosage form & liquid Dosage form
- 6) Write note on ointment base.

Que.3. Answer any four questions. Each question carries 7 marks [28]

- 1) Classify Type of Dosage form as per physical State.
- 2) Note on Filtration.
- 3) Define Evaporation & write about factor affecting rate of evaporation.
- 4) Give Difference between Flocculated Suspension &Deflocculated Suspension.
- 5) Note on Complexation.