

Pramukh Swami Science & H.D. Patel Arts College, Kadi
Bachelor of Vocation Pharmaceutical Chemistry Semester- V
End Term Examination, Deember 2018
(PC 514) Introduction to Drug Delivery System
Time: 2 hours 13/12/2018 Total Marks: 50

Que-1. Answer any 9 questions. Each question carries 1 mark [9]

1. What is ideal drug delivery system?
2. _____ is Rate limiting step in Conventional DDS. (Release, Absorption)
3. Enlist type Component of TDDS..
4. Define TDDS.
5. Write Mechanism of osmotic drug delivery system.
6. Define: Hybrid system
7. Write name of Osmogent is used in Osmotic DDS.
8. Define Supar disintegrant.
9. Define: Therapeutic Index
10. Comment: CDDS is better than conventional dosage form.

Que.2. Answer any 5 questions. Each question carries 4marks [20]

- 1) Brief on Dissolution controlled CDDS.
- 2) Explain Mechanism of Mucoadhesion.
- 3) Write down Osmotic Drug delivery system
- 4) Classify GRDDS (Gastro retentive).
- 5) Note on PORT.
- 6) Write a Advantage & disadvantage of colon Specific DDS.

Que.3. Answer any 3 questions. Each question carries 7 marks [21]

- 1) Brief on Diffusion controlled CDDS.
- 2) Discuss skin Structure for Percutaneous Absorption in transdermal DDS.
- 3) Write note on Enteric Coated Tablet.
- 4) Enlist factor affecting for designing of CDDS & Brief on Biopharmaceutical
10. Co: parameter.