

Hemchandracharya North Gujarat University, Patan
Master of Vocation
Pharmaceutical Chemistry Semester II
Internal Examination, April 2019
Subject: Dosage Form Design (MPC 203)

Time: 2 hrs

Date: 27/04/2019

Marks: 50

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

[9*1=9]

- 1) Write type of Capsule.
- 2) Enlist the Instrument which are used in Tablet Granulation.
- 2) Define: Dosage Form.
- 3) _____ Instrument is used for cleaning & polishing of Capsule. (ACCELA- COTA, ROTOSORT)
- 4) In Soft gelatin Capsule The Plasticizer & gelatin ration is _____(0.8 :1, 0.4 :1)
- 5) What is Suspension?
- 6) _____ is as Disintegrating agent in Tablet. (Primogel, Talc)
- 7)What is Solubility?
- 8) What is Film coated Tablet.
- 9) Define : Capsule
- 10) What is difference between Picking & Sticking?

Q.2 Answer any 5 questions. Each question carries 04 marks

[5*4=20]

- 1) Describe about Angle of repose & Carr's index
- 2). Explain formulation of Suspension
- 3) Explain Tablet Processing Problem.
- 4) Write Capsule filling Method.
- 5) Short note on Effervescent Granules.
- 6) Explain Evaluation parameter of Emulsion.

Q.3 Answer any 3 questions. Each question carries 07 marks

[3*7=21]

- 1) Explain Analytical method for characterization of Solid form.
- 2). Explain Types of Tablet.
- 3) Explain Innovation in Capsule.
- 4) Explain Evaluation parameter of Tablet