

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

Time: 2 hrs

Date: 27/03/2019

Marks: 60

Q.1 Answer any 12 questions. Each question carries 1 mark

[12*1=12]

- 1) What is Pharmaceutical Technology?
- 2) Define: Dosage Form.
- 3) IP Simple syrup contain _____% Sucrose.
- 4) Enlist ingredients of Effervescent Granules.
- 5) Define: Elixir
- 6) Give name Glident in Tablet formulation.
- 7) Define: Linctus
- 8) What is Hypodermic Tablet.
- 9) Write oil: gum :water ratio for primary emulsion preparation.
- 10) Give definition of Viscosity:
- 11) Why Effervescent Granules is used over powder form?
- 12) What is Carbonated water?
- 13) What is difference between suspension & emulsion?

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

[5*4=20]

- 1) Explain Simple Syrup IP _____
- 2) Explain solid dosage form is better than liquid dosage form.
- 3) Brief of formulation of Suspension.
- 4) Explain Stability of Emulsion.
- 5) Short note on Surface active Agent.
- 6) Note on Official solution.

Q.3 Answer any 4 questions: Each question carries 07 marks

[4*7=28]

- 1) Write a note on formulation method & type of Emulsion.
- 2) Explain evolution parameter of Tablet.
- 3) Explain Effervescent Granules.
- 4) Explain Tablet- Advantages & disadvantages.
- 5) write note on Mixture.

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