

Total No. of Questions : 6]

SEAT No. :

P3022

[Total No. of Pages : 2

[5452]-1001

F.Y.B. Pharmacy

1.1.1. (T) - PHARMACEUTICS - I

(2015 Pattern) (Semester - I)

Time :3 Hours]

[Max. Marks : 60

Instructions to the candidates :

- 1) *Answers to the two sections should be written in separate books.*
- 2) *Neat diagram must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*

SECTION - I

Q1) Attempt any one.

[10]

Define drug; what are the different sources of drug? Write the rationale for development of dosage form.

OR

Write the history of pharmacy profession in india; also write a note on pharmacy code of ethics.

Q2) Attempt any Four.

[12]

- a) Write the scope of formulation development.
- b) Give the classification of dosage forms.
- c) Describe Homoeopathy as an alternate system of medicine.
- d) Describe Unani and Siddha as an alternate system of medicine.
- e) What is pharmacopoeia? Add a note on Indian Pharmacopoeia.
- f) Write the scope of physical pharmacy.

Q3) Write short notes (any two)

[8]

- a) Scope of pharmaceutical engineering.
- b) Career opportunities after pharmacy graduation.
- c) Routes of drug administration.
- d) Principle of Ayurveda.

P.T.O.

SECTION - II

Q4) Attempt any one. [10]

Explain the concept of excipients, classify excipients with examples.

OR

Discuss physicochemical properties to be studied for preformation.

Q5) Attempt any four. [12]

- a) Give an account of ENT preparations.
- b) Write difference between quality control & quality assurance.
- c) Discuss in brief Enema.
- d) Write difference between simple syrup I.P. and simple syrup USF.
- e) Write formulation and direction for simple linctus I.P.
- f) Discuss preservatives used in solutions.

Q6) Attempt any two. [8]

- a) Evaluation of solutions
- b) Colours and flavours
- c) Polymorphism in solids
- d) GMP and cGMP.

