

(LQ 2052)

MARCH 2020

Sub. Code: 2052

B.PHARM. DEGREE EXAMINATION
PCI Regulation – SEMESTER V
PAPER II – INDUSTRIAL PHARMACY – I

Q.P. Code: 562052

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions. (2 x 10 = 20)

1. Give an account of the Physico-chemical characteristics of drugs in Preformulation studies and explain its importance.
2. Explain the types, formulation and evaluation of both suspensions and emulsions.
3. Define parenteral products with examples. Write the formulation considerations, method of preparation, labeling procedures and evaluation of eye drops.

II. Write notes on: Answer any SEVEN questions. (7 x 5 = 35)

1. Quality control tests for capsules.
2. Formulation of lyophilized sterile products.
3. Packaging materials used in pharmaceutical preparations.
4. Ideal properties of shampoo.
5. Preparation of cold cream.
6. Types of aerosol systems.
7. Pellets.
8. BCS classification and its importance.
9. Coating materials.

III. Short answers on: Answer ALL questions. (10 x 2 = 20)

1. Methods of coating.
2. Stability of dosage forms.
3. Organoleptic additives.
4. Sizes of hard gelatin capsules.
5. Composition and uses of syrup.
6. Preservatives used in sterile preparations.
7. Composition of lipsticks.
8. Alu-Alu pack.
9. Define aerosols.
10. Inert gases.
