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CJ-05

BP-502-T
Industrial Pharmacy-I
(735502)

Total Pages : 3]

Time : 3 Hours

Max. Marks : 75

Note : (1) All questions are compulsory.

(2) Do not write anything on question paper except Seat No.

(3) Figures to the right indicate full marks.

(4) No supplement will be provided.

1. Objective type questions :

10×2=20

(1) Write the role of chelating agent in ophthalmic preparation.

(2) Give the significance of direct compression method.

(3) What is grossing syrup ?

(4) Give the role of emulsifying agents.

(5) Give the limitations of parenteral products.

(6) Discuss the content of gelatin shell.

(7) Discuss BCS.

P.T.O.

(8) Classify types of glasses.

(9) Enlist the part Aerosol valve.

(10) How to adjust thickness of hard gelatin capsule ?

2×10=20

2. Answer any *two* out of three :

(1) Define Capsules. Explain steps involved in production of empty hard gelatin capsule shell. Add a note on evaluation of hard gelatin capsule.

(2) Define parenteral product. Give the essential requirement for parenteral product. Add a note on Pyrogen test.

(3) Define enteric coated tablet. Discuss the composition of coating solution. Add a note on Fluidised Bed Coating System.

7×5=35

3. Answer any *seven* out of nine :

(1) Explain any *five* physico-chemical properties of drugs.

(2) Explain defect occurs in tableting.

(3) Explain construction and working of Accela-cota coating system.

- (4) Describe filling of Aerosols.
- (5) Describe formulation of Eye drops.
- (6) Discuss formulation of shampoo.
- (7) Explain methods of granulation.
- (8) Write a note on pelletization process.
- (9) Give the composition of glass and classify them.