

[Total No. of Questions - 7]
(2063)

[Total No. of Printed Pages - 2]

917

M. Pharmacy 2nd Semester Examination

Pharmacy

MP-122

Time : 3 Hours

Max. Marks : 90

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Section A consists of nine questions. Section B consists of Four questions and Section C has two questions. Do seven from A, three from B and one from C.

SECTION - A

1. (a) Explain the effect of compression force on thickness of tablets.
- (b) Explain the Criteria adopted for plant site selection for pharmaceutical industries.
- (c) Write a brief note on documentation practices.
- (d) Describe in brief the layout of quality control division.
- (e) What is pilot plant scale up. Explain pilot study of injections in detail.
- (f) Discuss the personnel requirements and reporting responsibilities in pilot plant scale up.

917/80

[P.T.O.]

- (g) Write a short note on formulation of medicated lozenges.
- (h) Explain about feed additives in detail.
- (i) Discuss costing of product and cost control. **(5×7=35)**

SECTION - B

- 2. Write a note on formulation aspects of chewable tablets.
- 3. Explain the pilot study of liquid orals in detail.
- 4. Write the detailed study of different industrial hazards and various preventive measures.
- 5. Explain ISO 9000 series. **(10×3=30)**

SECTION - C

- 6. Discuss process validation of parenterals in detail.
- 7. Write in detail about the Environment Act and Pollution Act. **(25×1=25)**