

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]
(2124)

1698

B. Pharmacy 5th Semester Examination
Pharmaceutics-VI (Hospital Pharmacy) (OS)

HBP-309

Time : 3 Hours

Max. Marks : 80

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 : Attempt five questions in all. Select one question each from Section A, B, C and D. Section E is compulsory.

SECTION - A

1. (a) Describe various functions of modern hospital in India.
(b) Write an exhaustive note on responsibilities of hospital pharmacist. (16)
- 2 (a) Describe in details the contents of hospital formulary.
(b) Explain role of management of hospital in budget preparation and implementation. (16)

SECTION - B

- 3 (a) Give name five drugs which are to be stored at cold and cool temperature.
(b) Discuss VED and EOQ techniques of inventory control in detail. (16)
- 4 (a) Describe in detail dispensing of controlled drugs in the hospital.
(b) Discuss the different types of out-patient services for the drug distribution system in hospital. (16)

[P.T.O.]

SECTION - C

- 5 (a) What is sterilization? Describe method of sterilization by filtration method.
- (b) Write short notes on - a. Tyndalization b. Dry heat sterilization. (16)
6. Write an exhaustive note on personnel requirements and "Demand and costing". (16)

SECTION - D

7. (a) Describe various computerized applications in pharmacy for procurement of information.
- (b) Explain in detail prescription filling and drug profile. (16)
- 8 (a) What is radiopharmaceuticals? Describe radio-active half life and units of radio-activity.
- (b) Describe in detail specifications of radio-active laboratory. (16)

SECTION - E

9. Write short notes on:
- (a) Flow chart for in-patient.
- (b) PTC role in drug safety.
- (c) Significance of hospital formulary.
- (d) Principle of Dry heat sterilization.
- (e) Define with example idiosyncratic cases.
- (f) What is radio-active half life?
- (g) Cold sterilization and applications.
- (h) HEPA. (2×8=16)