

DOCTOR OF PHARMACY
Fourth Year Pharm. D. : SUMMER : 2022
SUBJECT: HOSPITAL PHARMACY

Day : Saturday
Date 07-May-2022

S-5744-2022

Time : 02:00 PM-05:00 PM
Max. Marks: 70

N.B.:

- 1) Q. No. 1 and Q. No. 5 are **COMPULSORY**. Out of the remaining attempt any **TWO** questions from each section.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer book.

SECTION-I

- Q.1** A) Answer any **FOUR** of the following: **(08)**
- i) List out the difference between hospital formulary and adopted formulary.
 - ii) Write any three objectives of a hospital pharmacy service.
 - iii) Define standard treatment Guidelines.
 - iv) Enlist the members of Research and Ethics committee.
 - v) Explain the different types of discount in pharmacy purchasing.
 - vi) What are radiopharmaceuticals?
- B) State the importance of Newsletter in the hospital pharmacy. **(03)**
- Q.2** Provide a flow chart of purchase procedure in large hospital and state the role of pharmacist in drug procurement. **(10)**
- Q.3** a) Discuss in detail about the role of PTC in safety and ADR Monitoring. **(07)**
b) Write a short note on Packaging and handling of Radiopharmaceuticals. **(05)**
- Q.4** Write a short notes on any **THREE** of the following: **(12)**
- a) Professional relations and practice of hospital pharmacist.
 - b) Role of pharmacist in central sterile supply service
 - c) Infection control committee
 - d) Hospital pharmacy Budget

SECTION-II

- Q.5** A) Answer any **FOUR** of the following: **(08)**
- i) Specify the various indications of TPN.
 - ii) How are effervescent granules prepared?
 - iii) List out the objectives of CPD program.
 - iv) What is buffered stock and safety stock?
 - v) With suitable examples mention what is cold storage of drugs and pharmaceuticals.
 - vi) What are the monitoring parameters during administration of total parenteral Nutrition?
- B) Explain the manufacturing process of Large volume parenterals. **(03)**
- Q.6** Define drug distribution system. What are three different drug distribution in a hospital? Explain in detail with advantages and disadvantages. **(10)**
- Q.7** a) Describe in detail hospital organization with the help of a chart. **(07)**
b) Write note on VED and EOQ inventory control. **(05)**
- Q.8** Write a short notes on any **THREE** of the following: **(12)**
- a) Manufacturing of small volume parenteral
 - b) Various methods of CPD to update the professional knowledge.
 - c) Distribution of controlled substances in hospital
 - d) Periodic and perpetual method of inventory