

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

Day : Monday
Date : 9/5/2022

S-5745-2022

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

N.B.:

- 1) **Q. No. 1 and 5** are **COMPULSORY**. Out of the remaining solve 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** questions out of **SIX**: **(08)**
- i) Define adverse drug reaction.
 - ii) What is the advantage of drug data base in Drug Information centre.
 - iii) What is the need for clinical pharmacist conducted medication history interview.
 - iv) Elaborate the following abbreviations –SGOT and LDH.
 - v) Write a note on poison information resources.
 - vi) What do you mean by teaching ward round? Write the advantages of same.
- B)** Describe the goal and procedure of medication order review. **(03)**
- Q.2** Discuss the systematic approach for disseminating drug information query. **(12)**
What is the advantages of printed response to the query?
- Q.3 a)** Explain the DUE cycle. **(07)**
- b)** Describe the role of pharmacist for managing ADRs. **(05)**
- Q.4** Write short notes on any **THREE** of the following: **(12)**
- a) Organization of PIC.
 - b) Clinical Review.
 - c) Causality assessment of ADR
 - d) Tests assessing hepatocellular injury.
 - e) Tests assessing general functions of liver.

SECTION-II

- Q.5 A)** Answer any **FOUR** questions out of **SIX**: **(08)**
- i) What is the scope for pharmacovigilance?
 - ii) Give significance of BUN.
 - iii) Elaborate following abbreviations MCHC and FVC.
 - iv) Elaborate and define MBC.
 - v) Write PFT pattern for COPD.
 - vi) Give examples for nurses mediated medication errors.
- B)** Discuss the role of thyroid hormones in hypothyroidism. **(03)**

P. T. O

Q.6 Explain in detail the steps and contents of patient counseling. Add a note on counseling aids. (12)

Q.7 a) Discuss lung volume tests with suitable examples. (07)

b) Explain the role of pharmacist in managing medication errors. (05)

Q.8 Write short notes on any **THREE** of the following: (12)

- a) Hypokalemia and its management
- b) Role of pharmacists in managing ADR
- c) Differentiate between iron deficiency and megaloblastic anemia.
- d) Dilutional hyponatremia and its management
- e) Microbiological culture sensitivity tests.

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