

Fourth Year Pharm. D : SUMMER - 2019
SUBJECT : CLINICAL PHARMACY

Day : Friday
Date : 12/04/2019

Time : 02.00 P.M. TO 05.00 PM
Max. Marks : 70

S-2019-4519

N.B.:

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

SECTION – I

- Q.1** A) Attempt **ANY FOUR** of the following: [08]
- a) Expand the following abbreviations: i) ADE ii) SHPA.
 - b) What is the goal of clinical review?
 - c) Explain the role of troponins in diagnosing cardiac diseases.
 - d) Give normal value of serum Magnesium. Give significance of hypomagnesemia.
 - e) Define Poison Information Services.
 - f) What are the components of drug therapy monitoring?
- B) What is the role of pharmacist in medical ward round participation? [03]
- Q.2** Enlist and give normal values of serum electrolytes. Discuss hyponatremia and its management. [12]
- Q.3** a) Discuss procedure for patient medical history interview. [07]
b) Explain procedure for medication order review. [05]
- Q.4** Write short notes on **ANY THREE** of the following: [12]
- a) Quality Assurance in Clinical Pharmacy services
 - b) Procedure of Clinical Review
 - c) Pharmacist intervention
 - d) DUE cycle

SECTION – II

- Q.5** A) Attempt **ANY FOUR** of the following: [08]
- a) Expand following abbreviations: i) SGPT ii) SGOT.
 - b) What is complete blood count?
 - c) Define adverse drug reaction.
 - d) Give examples for physician mediated medication errors.
 - e) What is the need for drug information services?
 - f) Define icterus and hematuria.
- B) What is the role of TSH in diagnosing thyroid diseases? [03]
- Q.6** Give the systematic approach in answering drug information query. Explain briefly drug information resources. [12]
- Q.7** a) Discuss liver enzymes and their role in diagnosing liver diseases. [07]
b) How will you differentiate iron deficiency anemia and megaloblastic anemia with help of hematological tests? [05]
- Q.8** Write short notes on **ANY THREE** of the following: [12]
- a) Management of medication errors
 - b) Causality assessment of ADRs
 - c) Role of pharmacist in management of ADRs
 - d) Microbiological culture sensitivity tests