

Fourth Year Pharm. D (SUPPLEMENTARY) : SUMMER - 2019

SUBJECT : CLINICAL PHARMACY

Day : Wednesday
Date : 03/07/2019

S-2019-4548

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

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) Explain the following abbreviations: i) ADRAC ii) LDH.
b) What is the goal of adverse drug reaction management?
c) Write briefly about chief ward rounds.
d) What is medication order review?
e) Give normal value for serum potassium and give significance of hypokalemia.
f) What is the need for Poison information service?
B) Enlist different serum electrolytes. [03]
- Q.2** Define DUE. Enlist its types. Explain DUE cycle in detail. [12]
- Q.3** a) Enlist cardiac enzymes and state their role in diagnosing cardiac diseases. [07]
b) Explain clinical review. [05]
- Q.4** Write short notes on **ANY THREE** of the following: [12]
a) Pharmacist intervention
b) Quality Assurance in clinical pharmacy services
c) Therapeutic drug monitoring
d) Hypocalcemia and its management

SECTION – II

- Q.5** A) Attempt **ANY FOUR** of the following: [08]
a) Expand BUN and MCHC.
b) What is T₃? Give its significance.
c) Define drug information services.
d) Give examples for patient mediated medication errors.
e) Define MIC and MBC.
f) Discuss briefly liver enzymes.
B) Write briefly about patient counseling aids. [03]
- Q.6** Discuss predisposing factors for ADRs and classify different ADRs with examples. [12]
- Q.7** a) Discuss renal function tests. [07]
b) What is the procedure for answering Poison information query? [05]
- Q.8** Write short notes on **ANY THREE** of the following: [12]
a) Drug information resources
b) Communication skills in patient counseling
c) RBC Indices
d) Role of pharmacist in management of ADRs

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