

FOURTH YEAR PHARM. D : SUMMER - 2018
SUBJECT: CLINICAL PHARMACY

Day: Wednesday
Date: 11/04/2018

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

S-2018-4040

N.B:

- 1) **Q. NO.1 and Q.NO.5 are COMPULSORY.** Out of remaining answer **ANY TWO.**
- 2) Figures to the right indicate **FULL** marks.
- 3) Answer to the both sections should be written in **SEPARATE** answer books.
- 4) Draw neat and labeled diagrams **WHEREVER** necessary.

SECTION-I

- Q.1 a)** Answer **ANY FOUR** of the following: **(08)**
- i) What are the components of DTM?
 - ii) Define therapeutic drug monitoring.
 - iii) Expand following abbreviations- SGOT, LDH.
 - iv) Give normal value and significance of Sr. Creatinine.
 - v) Give normal value and significance of TSH.
 - vi) Give normal value and significance of Sr. Sodium.
- b)** What are the objectives of DUE? **(03)**
- Q.2** Discuss the daily activities of clinical pharmacist. Explain ward round participation in detail. **(12)**
- Q.3 a)** Explain the barriers for patient counseling. How to overcome the same. **(07)**
- b)** Explain the indications and patients who require therapeutic drug monitoring. **(05)**
- Q.4** Write short notes on **ANY THREE:** **(12)**
- a) Cardiac enzymes and their significance
 - b) Hypokalemia
 - c) Pharmacist intervention.
 - d) DUE cycle.

SECTION-II

- Q.5 a)** Answer **ANY FOUR** of the following: **(08)**
- i) Define MBC and MIC.
 - ii) Define residual volume and vital capacity.
 - iii) Expand following abbreviations- SGPT, GGTP.
 - iv) Mention the components of complete blood count.
 - v) Define poison information service.
 - vi) Name any four patient mediated medications errors.
- b)** Write in brief about drug information resources. **(03)**
- Q.6** Explain in detail the organization of poison information center and procedure for answering a poison information query. **(12)**
- Q.7 a)** Explain the procedure for answering drug information query. **(07)**
- b)** Explain liver enzymes and their significance. **(05)**
- Q.8** Write short notes on **ANY THREE:** **(12)**
- a) Prevention of medication error.
 - b) Role of pharmacist in prevention of ADRs.
 - c) Naranjo's scale for ADR assessment.
 - d) Lung flow tests.

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