

FOURTH YEAR PHARM. D (SUPPLEMENTARY) : SUMMER - 2018

SUBJECT: CLINICAL PHARMACY

Day: Wednesday

S-2018-4069

Time: 02.00 P.M. TO 05.00 PM

Date: 04/07/2018

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 books.

**SECTION-I**

- Q.1 A)** Answer any **FOUR** out of **SIX**: **(08)**
- i) What is the need for Pharmacovigilance?
  - ii) Expand following abbreviations PCV and SGOT.
  - iii) Define adverse drug reaction.
  - iv) Define Patient Counseling.
  - v) Give the significance of serum creatinine.
  - vi) What is drug information?
- B)** What is pharmaceutical care plan? **(03)**
- Q.2** What is drug utilization evaluation (DUE)? Illustrate DUE cycle. **(12)**
- Q.3 a)** Write advantages and disadvantages of drug information resources. **(07)**
- b)** How will you differentiate Microcytic and Megaloblastic anemia with laboratory values? **(05)**
- Q.4** Answer any **THREE** of the following: **(12)**
- a) Leukocytes and their significance.
  - b) Thyroid function tests.
  - c) Medication history interview.
  - d) Stages in patient counseling
  - e) Pharmacist in ward round participation.

**SECTION-II**

- Q.5 A)** Answer any **FOUR** out of **SIX**: **(08)**
- i) Expand the following –RV and FEV.
  - ii) Define MIC and MBC.
  - iii) Give significance of serum calcium.
  - iv) Give significance of creatine Kinase.
  - v) Define hypokalemia.
  - vi) Give examples for medication errors
- B)** Discuss indications for pulmonary function tests. **(03)**
- Q.6** Discuss communication skills required by clinical pharmacist for Patient interactions. **(12)**
- Q.7 a)** Explain the predisposing factors responsible for causing adverse drug reactions. **(07)**
- b)** Explain the need and requirements for Poison information services. **(05)**
- Q.8** Answer any **THREE**: **(12)**
- a) Poison information resources.
  - b) Severity assessment of ADRs.
  - c) Methods of pharmacovigilance.
  - d) Antibiotic susceptibility Tests.
  - e) Prevention of Medication errors