

**FINAL YEAR B.PHARM. SEMESTER-VII (CBCS - 2015 Course) :**

**WINTER - 2018**

**SUBJECT : CLINICAL PHARMACY**

Day : Tuesday  
Date : 27/11/2018

**W-2018-4102**

Time : 02.00 PM TO 05.00 PM  
Max. Marks : 60

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**N.B.**

- 1) Q.1 and Q.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 book.
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**SECTION – I**

- Q.1** Answer any **FIVE** of the following: (10)
- a) Enlist activities of clinical pharmacist.
  - b) Define therapeutic drug monitoring. When it should be performed?
  - c) Explain significance of liver function test.
  - d) Write significance of renal clearance.
  - e) Enlist the steps in drug evaluation review (DUR).
  - f) Explain role of clinical pharmacist in ward round participation.
- Q.2** Write in detail on Hematological parameters and their significance. (10)
- Q.3** a) Classify medication errors with suitable examples from each class. (06)
- b) Explain QA of clinical pharmacy services. (04)
- Q.4** Write short notes on any **TWO**: (10)
- a) Patient counselling
  - b) Cardiac function test with significance
  - c) Ward round participation

**SECTION – II**

- Q.5** Answer any **FIVE** of the following: (10)
- a) Define critical appraisal of literature evaluation.
  - b) Enlist different documents needed in clinical trials
  - c) What is the role of a pharmacist in rational use of drugs?
  - d) Define: (i) Cohort study (ii) Cross-sectional study
  - e) Enlist different scales used for assessment of ADRs.
  - f) What are the different categories of a poison information query?
- Q.6** Describe modified systematic approach for solving a DI query and give different objectives for providing DI. (10)
- Q.7** a) Describe in detail about different phases of clinical trial. (06)
- b) Give Wills and Brown's classification of ADRs with examples. (04)
- Q.8** Write short notes on any **TWO**: (10)
- a) Role of a clinical pharmacist in clinical trials
  - b) Different resources to establish a drug information center.
  - c) Role of a pharmacist in pharmacovigilance

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