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**HEG-014-003711** Seat No. \_\_\_\_\_

**Master of Pharmacy Management (Sem. VII)  
(CBCS) Examination**

**November / December – 2017**

**Clinical Pharmacy - I**

**Faculty Code : 014**

**Subject Code : 003711**

Time : **3** Hours]

[Total Marks : **80**

- Instructions :**
- (1) Attempt three questions from each section.
  - (2) Questions 1 and 5 are compulsory.
  - (3) Figure to the right indicates full marks for the respective question.
  - (4) Draw neat and clean diagram wherever required.

**SECTION – I**

- 1** Answer the following : (Any **Seven**) **2×7=14**
- (1) Define: A. Epiltogenesis B. Dementia
  - (2) Enumerate benefits of TDM.
  - (3) Define: A. Essential Drug B. Azotemia
  - (4) Enlist various activities related to medical audit?
  - (5) Enumerate different reasons for patient's noncompliance.
  - (6) Which tests should be performed to diagnose Liver Disorders?
  - (7) Enlist various tests to diagnose Diabetes Mellitus.
  - (8) Define Angina and mention its different types?
  - (9) Explain zero order kinetic in brief.
  - (10) Give clinical presentation of Schizophrenia.
- 2** Answer the following questions : **13**
- (1) Describe age related factors affecting selection of **7**  
drugs in old age patients with suitable examples.
  - (2) Define Clinical Pharmacy and briefly discuss the role **6**  
of a clinical pharmacist as a member of health care team.

- 3** Answer the following questions : **13**
- (1) Define and classify epileptic disorder with their clinical presentation. Describe treatment plan of epilepsy. **7**
- (2) Describe pathophysiology, clinical signs & symptoms and outline the treatment of Parkinsonism. **6**
- 4** Answer the following questions : **13**
- (1) Discuss the pathophysiology of Angina Pectoris and explain the management of Congestive Heart Failure. **7**
- (2) Enlist different test to diagnose cardiovascular disorders. Discuss any two -tests. **6**

### SECTION – II

- 5** Answer Any **Two** questions from the following : **2×7=14**
- (1) Write a note on importance of TDM.
- (2) Discuss in detail about sign & symptoms, mechanism and treatment of organophosphorous poisoning.
- (3) Write a short note on Chronic Renal Failure.
- 6** Answer the following questions : **13**
- (1) Discuss concept of Rational Drug Use. **7**
- (2) Enumerate different parameters for clinical pharmacokinetic and discuss significance of half-life. **6**
- 7** Answer the following questions : **13**
- (1) Write symptoms, etiology and management of hypertension. **7**
- (2) Write a note on renal function tests with their significance. **6**
- 8** Answer the following questions : **13**
- (1) Describe factors affecting patient non-compliance. Discuss the role of pharmacist in patient compliance. **7**
- (2) Define heavy metals. Enlist various toxic heavy metals. Write a note on Arsenic poisoning. **6**