



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

**M. P. M. (Sem. VII) Examination**

**November – 2019**

**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) Tie each section separately.
- (4) Figures to the right indicate full marks for the respective question.

**SECTION - I**

- 1** Answer the following questions : (any seven) **14**
- (1) Give normal value and interpretation of SGOT biomarker.
  - (2) Enlist biomarkers for Cardiac disorders.
  - (3) Enlist equipments used in ICU.
  - (4) Give positive and negative symptoms of Schizophrenia.
  - (5) Explain diagnosis test for anemia.
  - (6) Give antidote for morphine and atropine.
  - (7) Define volume for distribution of AUC.
  - (8) Describe complications of hypertension.
  - (9) Explain angioplasty.
  - (10) Give treatment of organophosphours poisoning.
- 2** Answer the following :
- (1) Describe complications, diagnosis, prognosis and management of Parkinson's diseases. **7**
  - (2) Describe phases of migraine. Explain management of migraine. **6**

- 3** Answer the following :
- (1) Define various types of epilepsy. Explain management of status epilepticus. Describe drug of choice for various types of epilepsy. **7**
  - (2) Discuss complications, diagnosis and management of Congestive Heart failure. **6**
- 4** Answer the following :
- (1) Describe diagnosis, prognosis and management for hypertension. Discuss management approach for hypertension in pregnancy and diabetes. **7**
  - (2) Describe lipid profile. Discuss pharmacological management of hyperlipidemia. **6**
- SECTION - II**
- 5** Answer the following : (any two) **14**
- (1) Describe objectives, steps and applications of TDM.
  - (2) Give definition of Poison and discuss general principles of Treatment of Poisoning with heavy metal.
  - (3) Discuss scope and Indian scenario of clinical pharmacy.
- 6** Answer the following :
- (1) Discuss applications of clinical pharmacokinetic parameters. **7**
  - (2) Describe concept of essential and rational drug uses. **6**
- 7** Answer the following :
- (1) Explain criteria for drug to cross placental barrier. Describe teratogenicity. **7**
  - (2) Explain factors affecting geriatric drug therapy. Describe role of pharmacist in geriatric drug therapy. **6**
- 8** Answer the following :
- (1) Describe objective and mode of patient's counselling. **7**
  - (2) Discuss types, objectives and interventions of ward round participations. **6**