

Printed Pages : 2



PHARM485(3)

(Following Paper ID and Roll No. to be filled in your Answer Book)

**PAPER ID : 150860**

Roll No.

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**B.Pharm.**

(SEM VIII) THEORY EXAMINATION, 2014-15  
**CLINICAL PHARMACY & DRUG INTERACTIONS**

Time : 3 Hours]

[Total Marks : 80

- Note:**
- (1) Attempt all questions
  - (2) All questions carry equal marks.

1 Attempt **any two** of the following: **2×8=16**

- (a) Discuss various terms associated with clinical pharmacy.
- (b) Discuss about the development and scope of clinical practice in India.
- (c) What is the role of pharmacist in various areas of clinical pharmacy?

2 Attempt **any four** of the following: **4×4=16**

- (a) Define and explain the significance of biological half-life. How is it determined?
- (b) What factors must be considered while prescribing to infants?

- (c) Why individualization of drug therapy is necessary?
  - (d) Enlist various drug delivery systems and explain biphasic parameters of any one system.
  - (e) Write a note on apparent volume of drug distribution.
- 3** Attempt **any two** of the following: **2×8=16**
- (a) Write an exhaustive note on renal function test and liver function test
  - (b) Discuss the categories of drugs not prescribed in pregnancy.
  - (c) Discuss briefly about the general principles of clinical toxicology.
- 4** Write detailed note on **any four**: **2×8=16**
- (a) Hypertension
  - (b) Epilepsy
  - (c) Asthma
  - (d) Peptic ulcer
  - (e) Arrhythmias
- 5** Attempt **any four** of the following: **4×4=16**
- (a) Discuss common analytical methods used in TDM.
  - (b) Write a note on rationale drug use.
  - (c) Discuss acute leukemia in reference to its pathogenesis, clinical features and management.
  - (d) Discuss any one liver affecting disease.
  - (e) Write a note on diabetes mellitus.