B. Pharm.

(SEM. VIII) EXAMINATION, 2006-07

PHARMACOLOGY - IV

Time : 3 Hours]  [Total Marks : 80

Note :  Attempt all questions.

1  Answer any four of the following :  4x4
   (a) Define Clinical Pharmacy
   (b) Write a note on Rational Drug Use
   (c) Requirements as per WHO for list of essential Drugs
   (d) Clinical importance of therapeutic drug monitoring
   (e) Difference between hospital and clinical pharmacy.

2  Answer any four of the following :  4x4
   (a) Plasma Clearance
   (b) Unique features of drug therapy for infants
   (c) Bioavailability of sustained release dosage forms
   (d) Pharmacokinetic drug interactions
   (e) Dosage adjustments required in case of geriatric patients.

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3 Answer any **four** of the following disorders and their management:
   (a) hypertension
   (b) parkinsonism
   (c) asthma
   (d) peptic ulcer
   (e) myocardial infarction.

4 Attempt any **two** of the following questions:
   (a) How do physiological peculiarities of pregnant women, influence the choice of drugs. Explain with examples.
   (b) What are iatrogenic diseases. Briefly explain its pathophysiological basis for any two of the following class of drugs.
      (i) NSAIDS
      (ii) Antibiotics
      (iii) Antipsychotic drugs
   (c) Explain in detail
      (i) Renal function test
      (ii) Liver function test

5 Attempt any **two** of the following:
   (a) Diabetes and its management
   (b) Tuberculosis and antitubercular drugs
   (c) Haematopoietic Disorders and its management.