

- (2) Describe role of pharmacist in prevention and treatment of TB and AIDS
- (3) Give the importance of questioning techniques in effective patient counseling
- (4) Define Clinical trial. Give importance of Post marketing Surveillance and Clinical Pharmacological Evaluation
- (5) Write the non drug measure for patient counselling in hypertension
- (6) Role of clinical pharmacist for paediatric therapy

3 Answer any three of the following questions : **9**

- (1) Write a note on prescribing principles for pregnant women
- (2) Short note - Pulmonary function test
- (3) Give the importance of communication skill in effective patient counseling
- (4) Guidelines for rational drug use
- (5) Write a note on role of pharmacist in drug information centre

SECTION - II

4 Answer the questions : (Any eleven) **11**

- (1) List out some Secondary drug information sources.
- (2) Write the significances of Placebo
- (3) Name the diagnostic indication for AIDS
- (4) What is subscription and Inscription ?
- (5) What is the significance of Biological Half Life ?
- (6) Enlist the parameters evaluated in Phase III clinical trial
- (7) Define patient Counselling
- (8) What is essential drug ?
- (9) Define Bioavailability
- (10) Write formula Volume of distribution

- (11) What do you mean by Phase 0 Clinical trial ?
- (12) Explain the term Maintenance Dose
- (13) Enlist various different laboratory parameter helps to evaluate renal function
- (14) State the normal values of MCV in male and female
- (15) Explain C_{ss}

5 Answer any three of the following questions : **12**

- (1) Explain the importance of laboratory tests in clinical practice.
- (2) Explain stepwise approach to answer drug information question
- (3) Give significance of patient and prescriber related factors influencing rational drug use
- (4) Steps involved in effective patient counseling
- (5) Define Therapeutic Drug monitoring. Explain the factors affecting Therapeutics Drug Monitoring

6 Answer any two of the following questions : **10**

- (1) Explain stepwise approach to Answering Drug Information Questions
- (2) What are the effects of Clearance, Volume of Distribution and Plasma Half Life on the Magnitude of Dose, Dosages Interval, and/or Dosing Rate ?
- (3) How does the dosage regimen need to be modified when the renal clearance of a drug changes ?