



**SB-1166**

**Third Year B. Pharm. Examination**

**March / April – 2011**

**PHARMACY : Paper - PH-306**

*(Community Pharmacy Including Clinical)*

Time : Hours]

[Total Marks :

**Instructions :**

(1)

नीचे दशांशविक निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
Third Year B. Pharm.	<input type="text"/>
Name of the Subject :	<input type="text"/>
PHARMACY : Paper - PH-306	<input type="text"/>
Subject Code No. : <input type="text"/> 1 <input type="text"/> 1 <input type="text"/> 6 <input type="text"/> 6	Student's Signature
Section No. (1, 2,.....) : <input type="text"/> 1&2	

- (2) Each section contains three questions
- (3) All questions are compulsory
- (4) Tie and submit both the section separately

**SECTION-I**

- 1 Answer the questions : (any five) 10
- (1) Differentiate between prescription and medication order
  - (2) Explain the role of community pharmacist in primary health care centre
  - (3) Write short note on Barrier of patient counseling
  - (4) Explain the terms adherence and concordance
  - (5) Half-life of Zero order kinetic is independent on initial drug concentration - Comment
  - (6) What is Liver function test ? Give its advantages and disadvantages.

- 2 Answer any four of the following questions : 16
- (1) Explain significance of medication history

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[Contd...

- (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 ?