

Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/B.Pharm/SEPARATE SUPPLE/SEM-8/PT-808/2011**

**2011**

**PHARMACOLOGY ( CLINICAL PHARMACY &  
DRUG INTERACTION )**

Time Allotted : 3 Hours

Full Marks : 70

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words  
as far as practicable.*

**GROUP – A**

**( Multiple Choice Type Questions )**

1. Choose the correct alternatives for the following :

10 × 1 = 10

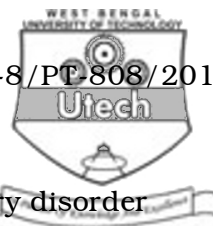
- i) Benadryl is a
- a) Chemical Name
  - b) Generic Name
  - c) Proprietary Name
  - d) Non Proprietary Name.
- ii) SGPT Level gives assessment of
- a) Hepatic Function
  - b) Renal Function
  - c) Thyroid Function
  - d) None of these.

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[ Turn over



- iii) The normal Level of Cholesterol in Blood is
- a) 150 – 250 mg/ 100 ml
  - b) 200 – 300 mg/ 100 ml
  - c) 50 – 100 mg/ 100 ml
  - d) none of these.
- iv) Diarrhoea occurs due to
- a) Decrease Na Level      b) Increase Na level
  - c) Increase Cu level      d) None of these.
- v) Immunologic Test for Pregnancy performed by
- a) Thorn Test
  - b) Coomb's Test
  - c) Antihuman chorionic gonadotropin antibody
  - d) Hippuric acid test.
- vi) A cardio selective beta blocker is
- a) Labetolal      b) Atenolol
  - c) Propanolol      d) Sotalol.
- vii) In treatment of Migraine which of these drug is used ?
- a) H<sub>2</sub> antagonist      b) 5 – HT antagonist
  - c) D<sub>2</sub> antagonist      d) Anticholinergic.
- viii) The incubation period of Hepatitis B is
- a) 15 – 45 day      b) 30 – 180 day
  - c) 5 – 12 day      d) 10 – 12 day.



- ix) Cretinism is due to
- a) Hyperthyrodism                      b) Pituitary disorder  
c) Hypothyroidism                      d) All of these.
- x) Which of the following is used in gastric Lavage ?
- a) NaHCO<sub>3</sub>                                  b) KMnO<sub>4</sub>  
c) Saline water                              d) All of these.

**GROUP – B**

**( Short Answer Type Questions )**

Answer any *three* of the following.                      3 × 5 = 15

2. a) Define Clinical Pharmacy.  
b) What is the role of Clinical Pharmacist in Health care Team ?
3. Write down Pathophysiology of Rheumatic Diseases.
4. Discuss about Teratogenicity & Carcinogenicity with example.
5. a) Give some example of Gram ( – ) bacteria  
b) Discuss about Management of UTI.
6. Write a short note on Drug used in Pedantries.

**GROUP – C**

**( Long Answer Type Questions )**

Answer any *three* of the following.                      3 × 15 = 45

7. a) What do you understand by drug interaction ?  
b) Write in detail about Pharmacokinetic drug interaction.  
c) Discuss about interaction :
- i) MAOI + FOOD Containing Tyramine.  
ii) NSAIDS + Caffeine.    2 + 9 + 4

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8. a) What is TDM ?  
b) What are the objectives of TDM ?  
c) Discuss in short the Methodology of TDM.  
d) Write about the advantage and application of TDM.
- 2 + 2 + 6 + 5
9. a) What is Peptic Ulcer ? Write about its Pathogenesis.  
b) What are the various pharmacological and non-pharmacological measures of Peptic Ulcer ? 5 + 10
10. a) What is SCHIZOPHRENIA ?  
b) Write the symptoms of SCHIZOPHRENIA.  
c) What is the Pathophysiology of SCHIZOPHRENIA.  
d) Discuss about management of SCHIZOPHRENIA ?
- 2 + 2 + 3 + 8
11. Write short notes on any *three* of the following : 5 + 5 + 5
- a) Essential Drug concept  
b) Management of Hypertension  
c) General Principal of Treatment of poison  
d) Various Formula for Paediatric dose calculation.
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