

# UKA TARSADIA UNIVERSITY

M.Pharm. (Pharmacology) (2nd Semester)

**Subject :040050203 - Pharmacotherapeutics**

Time : 2:30 pm to 5:30 pm

Date : 02/12/2013

**Duration: 3 Hours**

**Max. Marks: 70.**

## **Instructions:**

1. Attempt all questions.
2. Write each section in a separate answer book.
3. Make suitable assumptions wherever necessary.
4. Figures to the right indicate full marks allocated to that question.
5. Draw diagrams/figures whenever necessary.

## **Section-1**

**Q-1 (A)** What is glaucoma? Enlist the drugs used in treatment of glaucoma. **[05]**

**OR**

**(A)** Differentiate between typical antipsychotics and atypical antipsychotics.

**Q-1 (B) Write a note on (Any Two)** **[06]**

1. Spasticity
2. Migraine
3. Anxiety

**Q-2 Answer the following.**

A) Describe the pathogenesis of Hypertension. **[06]**

**OR**

A) Describe types of epileptic seizures. Classify antiepileptic drugs according to mechanism of action and describe the pharmacology of Phenytoin.

**B) Write a note on (Any Two)** **[06]**

1. Megaloblastic Anaemia
2. Angina Pectoris
3. Insomnia
4. Huntington's chorea

**Q-3 Answer the following in detail. (Any 2)** **[12]**

A) Explain positive and negative symptoms of Schizophrenia. Discuss management of adverse effects of Antipsychotic agents.

B) Describe pathophysiology and pharmacotherapy of Atherosclerosis.

C) Explain clinical manifestation and therapeutic management of Alzheimer's disease.

## **Section-2**

**Q-4 (A)** Describe various complications associated with diabetes mellitus. **[05]**

**OR**

**(A)** Write a short note on Dysmenorrhea.

**Q-4 (B) Write a note on (Any three)** **[06]**

1. Infertility in males
2. Adrenocortical dysfunction
3. Allergic rhinitis
4. Benign prostatic hypertrophy

**Q-5 Answer the following.**

A) Describe various types of Diarrhea and explain their pharmacotherapy. **[06]**

**OR**

A) Discuss diagnosis and management of hypothyroidism.

B) Describe diagnosis and treatment of *H. pylori* induced ulcer. **[06]**

**Q-6 Answer the following in detail. (Any 2)** **[12]**

A) Discuss pathophysiology, diagnosis and treatment of Inflammatory Bowel Disease.

B) Describe symptoms, laboratory findings and complications of hepatitis.

C) Discuss pathogenesis and management of Bronchial Asthma.