

Seat No.:-----

Enrolment No.:-----

UKA TARSADIA UNIVERSITY

Maliba Pharmacy College

B.Pharm 6th Semester Internal Examination April 2014 (Mid-Sem)

030020604- Pharmacology-II

Time: 10:30 a.m. To 12:30 p.m.

Max. Marks: **40**

Date: 11/04/2014

Instructions:

- Attempt any **FIVE** questions.
- Each question carries **08** marks.
- Make suitable assumption whenever necessary.
- Figures to the right indicate full marks.

- Q.1 A) Classify drugs used in treatment of asthma. Describe in detail about bronchodilators. (4)
- B) Write short note on expectorants. (4)
- Q.2 A) Classify oral drugs used in treatment of diabetes mellitus and describe mechanism of actions in brief of each class. (4)
- B) Write short note on drugs used in treatment of hyperthyroidism. (4)
- Q.3 A) Describe mechanism of actions and pharmacological actions of corticosteroids. (4)
- B) Write short note on female oral contraceptives. (4)
- Q.4 A) Classify Fluoroquinolones. Describe mechanism of action, spectrum of activity, clinical uses and side effects of Ciprofloxacin. (4)
- B) Enlist side effects of following: (4)
1. Isoniazid
 2. Sulfonamides
 3. Chloramphenicol
 4. Penicillins
- Q.5 A) What is Post antibiotic effect (PAE)? Why Fluoroquinolones have longer PAE? (4)
- B) What is DOTS therapy? Describe the treatment strategy suggested under DOTS for Tuberculosis. (4)
- Q.6 A) Describe mechanism of action of following
1. Sterptomycin
 2. Trimethoprim
 3. Dapsone
 4. Rifampicin
- B) Classify antifungal drugs. Describe pharmacology of Amphotericin-B. (4)
- Q.7 A) Classify various types of epilepsy. Write in brief about the mechanism of action and side effects of phenytoin. (4)
- B) Mention drugs used in Parkinsonism and explain the rationale for combination of Levodopa and Carbidopa. (4)