

UKA TARSADIA UNIVERSITY

Maliba Pharmacy College

M. Pharm. Pharmacology 1st Semester Internal Examination December 2013**040050103 Advances in Pharmacology**

Time: 10:30 a.m. To 1:30 p.m.

Max. Marks: **70**

Date: 09/12/2013

Instructions:

- Attempt all questions.
- Make suitable assumptions wherever necessary.
- Figures to the right indicate full marks.

- Q-1** a) Discuss the drug treatment of glaucoma. (5)
- OR**
- a) Explain in detail biochemical mechanisms of resistance to antibiotics. (6)
- b) Justify therapeutic uses of parasympholytics. (6)
- Q-2** a) Describe organophosphorous poisoning and its treatment. (6)
- OR**
- a) Describe significance of eicosanoids in pharmacotherapy. (6)
- b) Classify immunosuppressants. Describe mechanism of action of calcineurin inhibitors and Cytostatics. (6)
- Q-3** Answer the following questions. (any two) (12)
- a) Write a note on anorectic agents.
- b) Explain in detail therapeutic uses of various beta blockers
- c) Classify neuromuscular blockers. Describe mechanism of action of succinylcholine.
- Q-4** a) Classify antiamoebic drugs. Describe pharmacology of metronidazole. (5)
- OR**
- a) Describe role of hormones in cancer therapy. (5)
- b) Discuss the current approaches in the management of sexually transmitted disease. (6)
- Q-5** a) What is opportunistic infection? Classify antifungal agents. Write a note on Amphotericin-B. (6)
- OR**
- a) Describe mechanism of action, therapeutic uses and ADRs of tetracyclines. (6)
- b) Explain mechanism of action, therapeutic uses and adverse drug reactions of Co-trimoxazole. (6)
- Q-6** Answer the following questions. (any two) (12)
- a) Discuss pharmacotherapy of tuberculosis.
- b) Write a note on HAART. Explain the significance of it in treatment of AIDS.
- c) Describe adverse effects of chemotherapeutic agents used in cancer treatment.