

UKA TARSADIA UNIVERSITY

Maliba Pharmacy College

B. Pharm 5th Semester Internal Examination 2013 (*Mid-Sem 2*)**030020503- Pharmacology - I**

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

Max. Marks: **40**

Date: 26/10/2013

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 neuromuscular blocking agents. Write short note on depolarizing blocking agents. 5
- B) Write short note on directly acting muscle relaxant. 3
- Q.2 A) Describe mechanism of action of followings: 8
1. Nitroglycerine
 2. Furosemide
 3. Sodium nitroprusside
 4. Inamrinone
- Q.3 A) Classify local anesthetics. Describe mechanism of action of local anesthetics. 4
- B) Classify drugs used in dyslipidemia. Write short note on statins. 4
- Q.4 A) Give rational of following: 8
1. β – blockers in angina pectoris
 2. Nitrite in cyanide poisoning
 3. Adenosine in cardiac arrhythmia
 4. Clonidine in hypertension
- Q.5 A) Classify antiarrhythmic drugs. Describe mechanism of action of class III. 4
- B) Classify diuretics. Write short note on thiazide diuretics. 4
- Q.6 A) Classify H₁ receptor antagonists. Write pharmacological action of H₁ antagonists. 4
- B) Describe treatment of iron deficiency anemia. 4
- Q.7 A) Classify anticoagulants. Write short note on warfarin. 4
- B) Write short note on fibrinolytic agents. 4