

[LM 544]

FEBRUARY 2018

Sub Code: 5061

**M.B.B.S. DEGREE EXAMINATION
SECOND YEAR
PAPER I – PHARMACOLOGY – I**

*Q.P. Code: 525061***Time: Three hours****Maximum : 40 Marks****Answer All Questions****I. Elaborate on:****(1 x 10 = 10)**

1. Classify anti-epileptic drugs. Discuss the mechanism of action, adverse effects and therapeutic uses of phenytoin. Briefly discuss the drug therapy of status epilepticus.

II. Write notes on:**(6 x 4 = 24)**

1. Pre-anaesthetic medication.
2. Therapeutic uses of adrenergic drugs.
3. Mechanism of action and therapeutic uses of amlodipine.
4. Glycoprotein IIb/IIIa receptor antagonist.
5. Mechanism of action and therapeutic uses of spironolactone.
6. Pharmacovigilance.

III. Short answers on:**(6 x 1 = 6)**

1. Name two merits and two demerits of rectal route of administration of drugs.
2. Rationale for using timolol in the treatment of glaucoma.
3. What is dissociative anaesthesia?
4. Name two selective COX-2 inhibitors. List two advantages in using selective COX-2 inhibitors.
5. List the two uses of sodium cromoglycate.
6. Name two different categories of drugs used in the treatment of congestive heart failure. Give one example in each category.
