

[LK 544]

FEBRUARY 2017

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 antianginal drugs. Discuss the mechanism of action, uses and adverse effects of nitrates.

**II. Write notes on:**

**(4 x 5 = 20)**

1. Mechanism of action, uses and adverse effects of sodium valproate.
2. Management of organophosphorus poisoning.
3. Mechanism of action, uses and adverse effects of ketorolac.
4. Enumerate and discuss the role of inhaled steroids in bronchial asthma.

**III. Short answers on:**

**(5 x 2 = 10)**

1. Write four therapeutic uses of prostaglandins.
2. Give two reasons for using morphine in left ventricular failure.
3. Define plasma half life. Give two examples of drugs with short half life.
4. Write two indications and two adverse effects of thiazides.
5. What is phase IV clinical trial?

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