

[LM 544]

FEBRUARY 2018

Sub Code: 5062

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

*Q.P. Code: 525062***Time: Three hours****Maximum : 40 Marks****Answer All Questions****I. Elaborate on:****(1 x 10 = 10)**

1. Classify oral hypoglycemic drugs. Discuss the mechanism of action and adverse effects of metformin. Why is it used as a first choice drug in type 2 diabetes mellitus patients?

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

1. Propylthiouracil.
2. Discuss the mechanism of action, pharmacokinetics, uses and adverse effects of ranitidine.
3. Antimotility drugs.
4. Discuss the mechanism of action, and adverse effects of aminoglycosides.
5. Discuss the mechanism of action, uses and adverse effects of terbinafine.
6. Discuss in detail about pharmacokinetic drug interactions with suitable examples.

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

1. Mention four therapeutic uses of octreotide.
2. Mention two anti-fibrinolytic drugs and two of their uses.
3. Mechanism of action and adverse effects of atorvastatin.
4. Anti-bacterial spectrum of azithromycin.
5. Mention four therapeutic uses of rifampicin.
6. Name two drugs which are selective estrogen receptor modulators. List one therapeutic use for each.
