

[LO 544]

FEBRUARY 2019

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:****(4 + 6 = 10)**

1. Classify beta lactam antibiotics. Enumerate the mechanism of action, adverse effects and therapeutic uses of penicillins.

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

1. Mechanism of action and adverse effects of metformin.
2. Mechanism of action and therapeutic uses of metoclopramide.
3. Nucleoside reverse transcriptase inhibitors in treatment of HIV.
4. Discuss alkylating agents used as anti-cancer drugs.
5. Radioactive iodine.
6. Short course chemotherapy in the treatment of tuberculosis.

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

1. Name two calcineurin inhibitors and list two uses of the calcineurin inhibitors.
2. Name two new insulin delivery devices.
3. Two uses of penicillamine.
4. Name two drugs which are third generation cephalosporins.
5. Name two drugs used in the suppressive prophylaxis of malaria.
6. Name two adverse effects of aminoglycosides.

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