

(LI 4269)

FEBRUARY 2016

Sub. Code: 4269

**FOURTH YEAR B.PHARM. EXAMINATION
PAPER III – PHARMACOLOGY - II***Q.P. Code: 564269***Time: Three hours****Maximum: 100 Marks****I. Essay:****(2 x 20 = 40)**

1. Define Diabetes Mellitus. Discuss about the various drugs used in the treatment of Diabetes Mellitus.
2. a) Classify antihistaminic drugs.
b) Describe the mechanism of action, therapeutic uses and adverse effects of first generation H₁ receptor antagonists.
c) What are the advantages of second generation H₁ receptor antagonists?

II. Short notes:**(8 x 5 = 40)**

1. Explain the MOA and therapeutic uses of proton pump inhibitors.
2. Write the therapeutic uses and side effect of Glucocorticoids.
3. Prokinetic agents.
4. Co-trimoxazole.
5. Low molecular weight heparin.
6. Briefly describe the various commonly encountered household poisons.
7. What is the role of antimetabolites in cancer?
8. Prostaglandin analogs.

III. Short answers:**(10 x 2 = 20)**

1. Define the term carcinogenicity and mutagenicity.
2. Name two acid resistance penicillins.
3. Define the term Tocolytics and give examples.
4. Name two physical anticoagulants.
5. Name two adverse effects of aminoglycosides.
6. Name two antifungal antibiotics.
7. Define the term Lepra reaction.
8. Name two osmotic laxatives.
9. Name two appetite stimulants.
10. Name two emetics.
