

(LJ 4269)

AUGUST 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. a) Classify Beta Lactam antibiotics. Describe the mechanism of action, therapeutic uses and adverse effects of Amoxycillin.
b) What are Beta Lactamase inhibitors and what are their advantages?
2. Discuss the pharmacological actions, side effects, contraindications and uses of corticosterone.

II. Short notes:

(8 x 5 = 40)

1. Write briefly on Antacids.
2. Ketoconazole – its mechanism and uses of action.
3. Write a note on chemotherapy of STD.
4. Write briefly on prostaglandins.
5. What are the pharmacological actions and uses of Oxytocin?
6. What is the mechanism of action and side effects of Insulin?
7. What is the mechanism of action and uses of oral anti-coagulants?
8. What is the role of Vinca alkaloids in treatment of cancer?

III. Short answers:

(10 x 2 = 20)

1. Substance P.
2. Drugs causing hepatotoxicity.
3. Fanconi syndrome.
4. Anaphylaxis.
5. Define the term chronopharmacology.
6. Anti herpes drugs.
7. Adverse effect of chloroquine.
8. H₂ receptor antagonist.
9. Define haematinics and give two examples.
10. Fibrinolytic drugs.
