

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[B.PHARM 0823]

AUGUST 2023

Sub. Code: 4269

**B.PHARMACY DEGREE COURSE (NON-SEMESTER EXAMINATIONS)
FOURTH (FINAL) YEAR (Regulation 2009-2010)
PAPER III – PHARMACOLOGY – II**

Q.P. Code: 564269

Time: Three hours

Answer ALL questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a) Classify drugs used in the therapy of diarrhoea, add a note on mechanism of their action.
b) Oral hypoglycemic drugs.
2. a) Classify antihistamine drugs with suitable examples. Enumerate the therapeutic uses and toxicities of antihistamines.
b) Write briefly on prostaglandins.

II. Write notes on:

(8 x 5 = 40)

1. Write note on Chronotherapy.
2. Describe the antacids.
3. Write mechanism of action and side effects of aminoglycosides antibiotics.
4. Describe the low molecular weight heparins.
5. Write note on Antiviral drugs. Write the mechanism of any one drug.
6. Explain the mechanism of action of leukotrienes.
7. Describe the general principles of toxicology.
8. Discuss the test for significance.

III. Short answers on:

(10 x 2 = 20)

1. What are tocolytics? Give example.
2. Give examples for serotonin antagonist.
3. Write two uses of cyclosporine.
4. Name any two types of insulin.
5. Note on cross resistance.
6. Note on anabolic steroids.
7. What is the antidote for arsenic poisoning?
8. What are blood plasma volume expanders?
9. Write adverse effect of cimetidine.
10. Note on genotoxicity.
