Rajiv Gandhi University of Health Sciences

First Year M. Pharm Degree Examination - May 2013

[Time: 3 Hours]   [Max. Marks: 100]

ADVANCED PHARMACOLOGY AND TOXICOLOGY

PAPER II

(RS 2 & RS 3)

Q.P. CODE: 9242

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (Answer any TWO)   **2 X 20 = 40 Marks**

1. a) Define the term hypertension and classify the antihypertensive agents. Describe the mechanism of action, dosage and adverse effects of any one drug
    b) Define and classify anti arrhythmic agents. Write a detailed pharmacology of any one of the anti arrhythmic drug

2. a) Define receptor. Classify and discuss various types of receptors with neat diagrams
    b) Classify anticonvulsants with example.

3. a) Classify adrenergic drugs. Give the mechanism of action and therapeutic applications of adrenergic agonists
    b) Clinical use and adverse effects of β-adreno receptor antagonists

SHORT ESSAY (Answer any FIVE)   **5 X 10 = 50 Marks**

4.   Anti diabetic drugs

5.   Dugs for the management of rheumatoid arthritis

6.   Anthelmintics

7.   Neuronal and behavioral toxicity

8.   Anti – metabolites

9.   Drugs for the management of HIV-AIDS

SHORT NOTES   **2 X 5 = 10 Marks**

10.   Migraine

11.   Peptic ulcer

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