# Rajiv Gandhi University of Health Sciences, Karnataka
## MBBS (Phase - II) Degree Examination - JUNE 2016

**Time: Three Hours**                                    **Max. Marks: 90 Marks**

## Pharmacology (Old Scheme)
### Q.P. CODE: 1008

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

**LONG ESSAYS**                                          **2 x 10 = 20 Marks**

1. Classify beta-adrenergic blocking drugs. Write therapeutic uses and adverse effects of Propranolol.
2. Classify drugs for peptic ulcer. Mention mechanism of action, pharmacokinetics and therapeutic uses of proton pump inhibitors.

**SHORT ESSAYS**                                         **10 x 5 = 50 Marks**

3. Write advantages of benzodiazepines over barbiturates as hypnotic/sedative.
4. Explain different types of drug antagonism with suitable examples.
5. Explain therapeutic uses of calcium channel blockers.
6. Discuss adverse drug reaction profile of oral contraceptive pills.
7. Write a note on selective serotonin reuptake inhibitors (SSRI).
8. Classify semisynthetic penicillins. Explain rationality of combining amoxicillin with Clavulanic acid.
9. Classify oral anticoagulants. Write their therapeutic uses.
10. Discuss drug therapy for diarrhoea.
11. Explain clinical uses of prostaglandin and their analogues.
12. Explain general toxic effects of anticancer drugs and the measures to overcome them.

**SHORT ANSWERS**                                        **10 x 2 = 20 Marks**

13. Write therapeutic indications of Bromocriptine.
14. Write mechanism of action and uses of atorvastatin.
15. Enumerate Fibrinolytics. Explain their mechanism of action in brief.
16. Enumerate AT1 receptor antagonists. Mention their advantages over Angiotensin converting enzyme inhibitors.
17. What is tamoxifene citrate? Write its therapeutic indication.
18. Define adverse drug reaction (ADR) and explain different types of ADR.
19. Write a note on lepra reaction.
20. State the pharmacological basis for use of salbutamol in therapy of bronchial asthma.
21. Write two advantages and two disadvantages of intramuscular route of drug administration.
22. Discuss drug therapy of status epilepticus.

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