

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - June/July 2014

Time: Three Hours Max. Marks: 100 Marks

Pharmacology – Paper I (RS2 & RS3 Scheme) Q.P. CODE: 1085

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

LONG ESSAYS 2 x 10 = 20 Marks

 Classify Anti-Parkinsonian drugs. Describe the mechanism of action, adverse effects and drug interactions of levodopa.

Classify calcium channel blockers. Describe their pharmacological actions, therapeutic uses and adverse effects.

SHORT ESSAYS 10 x 5 = 50 Marks

- Protein binding of drug and its significance
- Factors modifying biotransformation of a drug
- Carbamazepine
- Spinal anaesthesia
- 7. Therapeutic uses and adverse effects of benzodiazepines
- 8. Neostigmine
- Therapeutic uses of adrenaline
- Pharmacological actions and uses of heparin
- Potassium sparing diuretics
- 12. Pharmacological actions of organic nitrates

SHORT ANSWERS 10 x 3 = 30 Marks

- 13. What are advantages and disadvantages of rectal route of drug administration?
- 14. What are the differences between 'type A' and 'type B' of Adverse Drug Reactions?
- 15. What are advantages of Selective Serotonin Reuptake Inhibitors (SSRI) over tricyclic antidepressant drugs?
- 16. Name two Opioid antagonists? What are their uses?
- 17. What is the basis for use of anticholinergics in pre-anaesthetic medication?
- 18. What is the basis for use of Pralidoxime in Organophosphorus compound poisoning?
- 19. How does clonidine produce its antihypertensive effect? What will happen if clonidine therapy is stopped abruptly?
- 20. What is the basis for use of beta blockers in prophylaxis of angina?
- 21. What are adverse effects of frusemide?
- Explain how low dose of aspirin prevents aggregation of platelets.

