

# Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination - DECEMBER 2015

Time: Three Hours

Max. Marks: 100 Marks

## Pharmacology – Paper I (Revised Scheme)

**Q.P. CODE: 1060**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

### LONG ESSAYS

**2 x 9 = 18 Marks**

1. Classify the skeletal muscle relaxants with suitable examples. Explain the mechanism of action, therapeutic uses and the adverse effects of d-tubocurarine.
2. Enumerate anti anginal drugs. Explain the mechanism of action, pharmacokinetics, adverse effects and uses of nitrates.

### SHORT ESSAYS

**10 x 5 = 50 Marks**

3. Drug treatment of myasthenia gravis
4. Plasma expanders
5. Bioavailability
6. Dopamine – pharmacological actions, uses and route of administration
7. Mechanism of action, uses and contraindications of Diazepam.
8. Ketamine
9. Lithium
10. Thiazide diuretics - mechanism of action, uses and adverse effects
11. Diclofenac sodium
12. Treatment of glaucoma

### SHORT ANSWERS

**16 x 2 = 32 Marks**

13. Name two drugs used in the treatment of simple partial seizures
14. List four non-selective beta-blockers.
15. Drug synergism
16. Drug treatment of anaphylactic shock
17. List four drugs used in congestive cardiac failure.
18. Mention four Non-benzodiazepine hypnotics
19. Mention four therapeutic uses of ACE inhibitors
20. Mention two alpha-blockers with one therapeutic use for each.
21. Drug interaction between verapamil and propranolol
22. Why ethanol is used in the treatment of methanol poisoning?
23. Rationale of using morphine in acute left ventricular failure
24. Mention four anti-platelet agents.
25. How ephedrine shows phenomenon of tachyphylaxis?
26. Mention two Centrally acting antihypertensive drugs
27. Write two uses and two adverse effects of Heparin.
28. Two advantages and two disadvantages of intravenous route of administration

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