

# Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination – DEC 2016

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**

1. Define Bioavailability. Describe factors affecting Bioavailability.
2. Classify anti-cholinergic drugs. Mention therapeutic uses and adverse effects of atropine. Name two atropine substitutes with one use for each.

### SHORT ESSAYS

**10 x 5 = 50 Marks**

3. Advantages and disadvantages of intravenous route
4. Inhalational anaesthetic agents
5. Lignocaine
6. Therapeutic uses and adverse effects of Prazosin
7. Treatment of congestive cardiac failure
8. Therapeutic uses and adverse effects of Thiazide diuretics
9. Calcium Channel Blockers
10. Parenteral iron therapy
11. Atypical antipsychotics
12. Phenytoin Sodium

### SHORT ANSWERS

**10 x 3 = 30 Marks**

13. Acetazolamide
14. Nasal decongestants
15. Angiotensin receptor blockers
16. Mention six uses of reversible anti-cholinesterase drugs.
17. Metoprolol
18. Rationale of using morphine in Left Ventricular Failure
19. Low Molecular Weight Heparin
20. Advantages of benzodiazepines over Barbiturates
21. Treatment of methyl alcohol poisoning
22. Advantages of Selective Serotonin Reuptake Inhibitors over Tricyclic Antidepressants

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M.B.B.S. PHASE II Degree Examination – DEC 2016

Time: Three Hours

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**PHARMACOLOGY -Paper -II**

**(RS2 & RS3)**

**QP Code: 1086**

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

**LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Classify antimalarials. Explain the mechanism of action, adverse effects and uses of chloroquine.
2. With the help of diagram of thyroid hormone synthesis, mark the site of action of various antithyroid drugs. Explain mechanism of action adverse effects and uses of radioactive iodine.

**SHORT ESSAYS**

**10 x 5 = 50 Marks**

3. Inhaled glucocorticoids
4. Proton pump inhibitors
5. Uses and adverse effects of oxytocin
6. Protease inhibitors
7. Mechanism of action of hormonal contraceptives
8. Second generation antihistamines
9. Glycopeptide antibiotics
10. Mention adverse effects of first line drugs used in tuberculosis
11. Albendazole
12. Methods to ameliorate toxicity due to anticancer drugs

**SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Anabolic steroids
14. Alpha-glucosidase inhibitors
15. List three nitroimidazoles
16. Therapeutic uses of Vitamin C
17. Desferrioxamine
18. Ondansetron
19. Mention three prostaglandin analogues and list their three uses.
20. List three leukotriene antagonists
21. Rationale of using folinic acid with methotrexate
22. Name three Selective Estrogen Receptor Modulators (SERMs) and list their uses