

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - II) Degree Examination – DEC 2017

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. Classify Anticholinergics. Describe the therapeutic uses and adverse effects of Atropine. (4+3+3)
2. Describe mechanism of action of Benzodiazepines as sedative and hypnotic and discuss its adverse effects and uses. (3+3+4)

SHORT ESSAYS

10 x 5 = 50 Marks

3. Clinical significance of Plasma Protein binding
4. Drug Synergism
5. Uses and adverse effects of Calcium Channel Blockers
6. Clonidine
7. Nasal decongestants
8. Mechanism of action and adverse effects of Organic Nitrates
9. Uses and adverse effects of Thrombolytics
10. Potassium Sparing Diuretics
11. Advantages and disadvantages of Nitrous Oxide Anaesthesia
12. Mechanism of action and adverse effects of Lignocaine

SHORT ANSWERS

10 x 3 = 30 Marks

13. Placebo
14. Disadvantages of Fixed Dose combinations
15. Mechanism of action of Pralidoxime
16. Naloxone
17. Uses of Valproic Acid
18. Advantages of Selective Serotonin Reuptake Inhibitors
19. Mention Parenteral Iron preparations.
20. Baclofen
21. Plasma half life
22. Bile Acid Binding Resins

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MBBS (Phase - II) Degree Examination – DEC 2017

Time: Three Hours

Max. Marks: 100 Marks

Pharmacology – Paper II (RS2 & RS3)

Q.P. 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. What are the common characteristics of aminoglycoside antibiotics? Describe the mechanism of action, therapeutic uses and adverse effect of gentamicin.
2. Describe the mechanism of action and adverse effects of oral contraceptive pills. What instructions should be given to the patient regarding their use?

SHORT ESSAYS

10 x 5 = 50 Marks

3. Therapeutic uses and adverse effects of chloroquine
4. Third generation cephalosporins
5. Albendazole
6. Isonicotinic acid hydrazide (INH)
7. Insulin preparations
8. Non-sedative H₁ receptor blockers
9. Drug treatment of status asthmaticus
10. Passive immunization
11. Proton pump inhibitors
12. Allopurinol

SHORT ANSWERS

10 x 3 = 30 Marks

13. What are advantages of Azithromycin over Erythromycin?
14. Write the mechanism of action of Dapsone and write two adverse effects.
15. What is the rationale for combining Clavulanic acid with Amoxicillin?
16. What are advantages and disadvantages of radioactive iodine as an antithyroid drug?
17. What are the adverse effects of corticosteroids on bones and skeletal muscles?
18. List two indications for use of Ondansetron? What is its mechanism of action?
19. Name two emollient laxatives. Give two indications and two adverse effects.
20. List three topical antifungal agents and write three uses.
21. Explain why Ergometrine can not be used for induction of labour.
22. What are the indications for use of Vitamin C?
