LONG ESSAYS  
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  
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  
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  
20. Baclofen  
21. Plasma half life  
22. Bile Acid Binding Resins  

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Rajiv Gandhi University of Health Sciences, Karnataka  
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

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

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

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?

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