Rajiv Gandhi University of Health Sciences, Karnataka
MBBS (Phase - II) Degree Examination - JULY 2015
Max. Marks: 100 Marks

Pharmacology - Paper II (RS 2 & 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

2. Classify Antimalarial Drugs. Write mechanism of action and adverse effects and uses of Chloroquine. (4+2+2+2)

SHORT ESSAYS
10 x 5 = 50 Marks

3. Chemoprophylaxis of HIV infections
   Uses and adverse effects of Rifampicin
5. Carbapenems
6. Ketoconazole
7. Proton Pump Inhibitors
8. 5 α-Reductase Inhibitors
9. Antitussives
10. Azathioprine
11. Oxidizing Antiseptic agents
12. Promethazine

SHORT ANSWERS
10 x 3 = 30 Marks

13. Advantages of Domperidone over Metoclopramide
14. Bisacodyl
15. Sulfasalazine
16. Three adverse effects of Aminoglycosides
17. Mention types of Insulin preparations.
18. Gonadotropin releasing Hormone Analogues
19. Mechanism of action of Fluoroquinolones
20. Mycophenolate Mofetil
21. Clavulanic Acid
22. Permethrin
Rajiv Gandhi University of Health Sciences, Karnataka
MBBS (Phase - II) Degree Examination - JULY 2015
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. Describe the pharmacological actions, therapeutic uses and adverse effects of atropine.
2. Classify non-steroidal anti-inflammatory drugs (NSAIDS). Describe the therapeutic uses and adverse effects of aspirin.

SHORT ESSAYS
10 x 5 = 50 Marks
3. Sublingual route of drug administration
4. Drug antagonism
5. Succinyl choline
6. Selective beta_2 stimulants
7. Uses and adverse effects of organic nitrates
8. Cardiac actions of digoxin
9. Amlodipine
10. Pre-anaesthetic medication
11. Tricyclic antidepressants
12. Warfarin sodium

SHORT ANSWERS
10 x 3 = 30 Marks
13. What is first pass metabolism? How does it affect bioavailability of a drug?
14. Explain by giving two examples how genetic factors can modify effect of a drug.
15. Explain the pharmacological basis for using ethanol in methanol poisoning.
16. Mention three therapeutic uses of neostigmine.
17. Why dopamine is used in cardiogenic shock?
18. Explain the mechanism of antihypertensive action of Beta-blockers.
19. Explain by giving reasons two contraindications for use of angiotensin converting enzyme (ACE) inhibitors.
20. What are the indications for use of mannitol?
21. What are the factors modifying absorption of iron from gastrointestinal tract?
22. For a patient of pernicious anaemia give your drug of choice, its dose, route of administration and duration of treatment.

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