

RUHS Second MBBS (Main) Examination
Pharmacology Paper -II Date: January 2017 Time: 3 hours Max
Marks: 40

Instructions: Attempt all questions. (Use separate answer sheet for each section)

SECTION A

1. Answer the following; (08)
 - a) Explain the mechanism of action of fluoroquinolones as antimicrobials(A.709, B. 647)
 - b) What are Lepra reactions? How are they treated?(A. 786, 761)
 - c) What is the rationale for combining Ampicillin with Sulbactam?(A. 724, B.665)
 - d) Enumerate important uses of Metronidazole. (A. 837, B. 784)
2. Explain why: (4 x2=48)
 - a) What are the uses of Oral Iron Preparations?(A. 604, B. 496)
 - b) Differentiate between Heparin & Warfarin. (A. 624, B. 474)
 - c) Explain the therapeutic use of Oxytocin(A. 329, B. 630)
 - d) Explain the rationale of Combining Furosemide with Spironolactone. (A.588, B. 556)
- 3 Describe the mechanism of action, therapeutic, uses and adverse effects of Angiotensin converting enzyme inhibitors. (A. 500,13. 421) (4)

SECTION - B

4. Give the suitable answer for the following; (2 x 10 = 10)
 - a) Write a note on newer insulin.(A.263, B. 882)
 - b) What is HPA Axis Suppression while using Glucocorticoids? Write measures to reduce it.(A. 294, B. 914)
 - c) Enumerate selective Estrogen receptor modulators & give their uses. (A.313, B. 939)
 - d) Enumerate difference between Carbimazole Propylthiouracil as antithyroid drugs(A. 25 4, B. 871)
 - e) Explain the mechanism of action combined oral contraceptive pills(A. 323,11 952)
 - f) What is the pharmacological basis of using Glyceryl trinitrate for treatment of angina pectoris? (A. 542, B. 393)
 - g) What are the chelating agents? give two examples (A. 906, B. 1049)
 - h) Explain the mechanism of action of Digoxin in treatment of Congestive Cardiac failure(A. 517, B. 445)
 - i) Why is Pyridoxine given to patients who are on treatment with isoniazid. (A.776, B. 740)
 - j) Discuss the chemoprophylaxis of Malaria(A. 820, B. 765)