

RUHS Second MBBS (Main) Examination Pharmacology Paper -II**Date: January 2015****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) Describe the rationale of combination of IMIPENEM and CILASTATIN in therapy (A, 731, B. 684)
 - b) Discuss the therapeutic status of FLUCONAZOLE as an antifungal agent (A.793, B. 704)
 - c) Describe the pharmacological basis for the use of METRONIDAZOLE in anaerobic infections.(A. 837, B. 784)
 - d) Explain why PYRIDOXIN is given along with ISONIAZID.(A. 776, B. 740)
2. Write short notes on (4 x 2 =. 08)
 - a) Rationality or irrationality on combined use of RIFAMPICIN and oral contraceptives (A.767)
 - b) Management of diabetic ketoacidosis (A. 267, B. 893)
 - c) Rationality or irrationality on combined uses of cortisol and fludrocortisone in Addison's disease
 - d) Management of thyroid storm. (A. 256, B. 872)
3. Enumerate the drugs in angina. Discuss the mechanism of action and therapeutic uses of nitrates(A. 542, B. 401)

SECTION B

4. Give the suitable answer for the following; (2 x 10 = 10)
 - a) Oxytocin for induction of labor (A. 329, B. 630)
 - b) Tamoxifen in carcinoma breast
 - c) Bromocriptine for suppression of lactation
 - d) Leucovorin in patients of high dose methotrexate(A. 611; B. 821)
 - e) Mesna in patients on cyclophosphamide
 - f) Acarbose in diabetes mellitus(A. 270, 277, B. 896)
 - g) Frusemide in left ventricular failure(A. 579, B. 556)
 - h) Angiotensin receptor Mockers in hypertension (A. 501, B. 422)
 - i) Low molecular weight heparin in deep vein thrombosis (A. 619, B. 475)
 - j) Dimercaprol in arsenic poisoning
