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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)
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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

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