

RUHS

Second Year MBBS Examination

II MBBS PHARMACOLOGY PAPER II

Time: 3 hours

Date: 12-10-2020

Max Marks: 40

Instructions: INSTRUCTIONS: Attempt all questions in both sections: (Use separate answer book for each section)

Section 1

1. Answer the following: 4x2=08 (8)

- Enumerate important uses of corticosteroids. (A. 293, B. 915)
- Write drug therapy of plasmodium vivax malaria.
- Explain drug interaction between sildenafil and nitrates.
- Why mannitol is not used in left ventricular failure.

2. Answer the following: 4x2=08 (8)

- a. Compare and contrast oxytocin and methyl ergometrine. (A. 329, B. 630)
- b. Pharmacological basis of aspirin in myocardial infarction. (A. 629, B. 471)
- c. Write a note on category I treatment of tuberculosis. (A. 293, B. 915)
- d. How Captopril reduce blood pressure? Explain.

Section 2

3. Describe pharmacological actions, therapeutic uses and adverse effects of nitrates. (A. 542, B. 401) (4)

4. Answer the following: 10x2-20 (20)

- a. Write a note on antimicrobial resistance.
- b. Why tetracycline is contraindicate children less than 8 years of age? (A.778, B. 689)
- c. Write a note on Metformin. (B. 897)
- d. Pharmacological basis of dopamine in cardiogenic shock. (A. 524, B. 263)
- e. Explain how Allopurinol is useful in treatment of gout.
- f. Write drug therapy of migraine. (A. 178, B. 333)
- g. Give pharmacological basis of adrenaline in anaphylactic shock(A. 87, B. 318)
- h. Explain mechanism of action of digoxin in

congestive heart failure. (A. 517, B. 445)

- i. Write a note on selective Cox 2 inhibitors.
- j. Write a note on low molecular weight heparin.
(A.619, B. 475)

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