

RUHS

Second Year MBBS Examination

II MBBS PHARMACOLOGY PAPER II

Time: 3 hours

Max Marks: 100

Date: 24-12-2022

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

Section 1

1. Fill in the blanks: (6)

- Ivabradine is indicated in management of _____
- Raloxifene is used in the management of _____
- Bivacizumab is used in the treatment of _____
- Treatment for iron poisoning is _____
- Drug of choice in paroxysmal supraventricular tachycardia is _____
- Drug of choice for cyclophosphamide toxicity is _____

2. Multiple choice questions: (4)

- Gastric lavage is contraindicated in; a) Salicylate poisoning b) Kerosene poisoning c) OP poisoning d) Morphine poisoning

- b. The drug obtained from plant digitalis is used for the treatment of; a) Malaria b) Heart Failure c) MI d) Iridocyclitis
- c. A 30 year old female was treated with an antihypertensive drug and presented with hirsutism. The likely drug was; a) Fenoldopam b) Methyldopa c) Minoxidil d) Enalapril
- d. The following drugs cause methemoglobinemia a) Aniline b) Dapsone c) Nitrates d) All of above
3. A 65 years old male presented in emergency with severe pain in chest radiating to jaw and left arm. ECG showed ST segment elevation and raised cardiac markers. Diagnosis of acute attack of MI was made. (15)
- a. Write down the management of the above condition.
- b. Discuss the precautions and post Mi prophylaxis for this patient.
- c. Write down the ADR's of Nitrates.
4. Write short notes on (Any five): (10)
- a. Management of gestational hypertension
- b. Methotrexate
- c. Immunosuppressant
- d. Antiplatelet drugs
- e. Eplerenone
- f. Vitamin K
5. Explain why (Any three): (15)
- a. Furosemide is used in the treatment of acute left ventricular failure.
- b. Levothyroxine T4 is preferred over T3 in hypothyroidism.
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- c. Warfarin has a black box warning on its label.

- d. Metformin is used in polycystic ovarian syndrome.

Section 2

1. A 35 years old female visited medicine department with complaints of cough, evening rise fever, loss of appetite, weight loss since 1 month. After complete investigations, diagnosis pulmonary Koch's was made. (20)
 - a. Mention the drug regimen for this patient
 - b. Why multi drug therapy is preferred
 - c. Write down the side effects of first line drugs
 - d. Write down the management of XDR tuberculosis
 - e. Write down the precautions to be taken by the patient
2. Write short notes on (Any five): (10)
 - a. Management of *P. falciparum* malaria.
 - b. Management of Urinary tract infections.
 - c. Amphotericin B.
 - d. Uses of corticosteroids.
 - e. Treatment of Psoriasis.
 - f. COVID-19 vaccine.
3. Explain Why (Any Four): (20)
 - a. Penicillins are combined with beta lactam inhibitors.
 - b. ACE inhibitors are given in patients of CHF.
 - c. Androgens are used for doping.
 - d. Aminoglycosides are used with caution in geriatric patients.
 - e. Anticholinergics are contraindicated in glaucoma.

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