

(This paper consists of two pages)

24-12-2022

01211 A3+01211 A4

II-MBBS

Second M.B.B.S. (Main) Examination (New Scheme)

December - 2022

PHARMACOLOGY

Paper-Second

Time: Three Hours

Maximum Marks: 100

Attempt all questions in both sections

(Use separate answer book for each section)

Section-A

1. Fill in the blanks:

6 x 1 = 06

- a) Ivabradine is indicated in management of _____.
- b) Raloxifene is used in the management of _____.
- c) Bivacizumab is used in the treatment of _____.
- d) Treatment for iron poisoning is _____.
- e) Drug of choice in paroxysmal supraventricular tachycardia is _____.
- f) Drug of choice for cyclophosphamide toxicity is _____.

4 x 1 = 04

2. Multiple choice questions:

i) Gastric lavage is contraindicated in

- a) Salicylate poisoning
- b) Kerosene poisoning
- c) OP poisoning
- d) Morphine poisoning

 ii) The drug obtained from plant digitalis is used for the treatment of

- a) Malaria
- b) Heart Failure
- c) MI
- d) Iridocyclitis

iii) 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

iv) 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.

07

a) Write down the management of the above condition.

05

b) Discuss the precautions and post MI prophylaxis for this patient.

03

c) Write down the ADR's of Nitrates.

5 x 2 = 10

4. Write short notes on (Any five):

- c) Uses of morphine.
- d) Adverse drug reactions of aspirin.
- e) Management of Rheumatoid arthritis.
- f) Labetalol.

5. Explain briefly (Any three):

3 x 5 = 15

- a) Propranolol is used in prophylaxis of migraine.
- b) Pyridostigmine is used in myasthenia gravis.
- c) Levodopa is combined with carbidopa.
- d) SSRIs are preferred over tricyclic antidepressants in management of depression.

Section-B

6. A 62 years old male visited urology department with complaints of frequent need to urinate, difficulty in initiating stream, and sense of incomplete voiding. On rectal examination increase in prostate size was detected. Benign prostate hypertrophy was confirmed on histopathological examination.

- a) Mention the preferred drug for this patient 03
- b) Write down the mechanism of action of this drug 05
- c) Write down the most common side effect of this drug 03
- d) Name two drugs contraindicated in patients of BPH 05
- e) What is the role of finasteride in the treatment of BPH 04

7. Write short notes on (Any five):

5 x 2 = 10

- a) Management of H.pylori infection.
- b) Management of organophosphorus poisoning.
- c) Probiotics.
- d) Management of acute attack of bronchial asthma.
- e) Prostaglandin analogues.
- f) Pre-anesthetic medication.

8. Explain Why (Any four):

4 x 5 = 20

- a) Sumatriptan is preferred over methylergonovine in migraine.
- b) Ethyl alcohol is used in methyl alcohol poisoning.
- c) Adrenaline is used in anaphylactic shock.
- d) Oximes not used in carbamate poisoning.
- e) Pilocarpine is not preferred first line agent in simple chronic glaucoma.