

Date: 28-04-2022

0422 E120

Second Year MBBS Examination

II MBBS Pharmacology Paper 2

Time: 3 hours

Max Marks: 100

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

Section 1

1. Answer any one of the following (10)

a)

An adult male aged 42 years have come to the emergency with unconsciousness and high fever since last 6 hours. On physical and laboratory investigations he is confirmed to be a case of cerebral malaria. Describe the drug management of this patient. Mention the rational use

and mode of administration of these drugs. (4+3+3=10)

b)

Enumerate the drugs used for the treatment of Tubercular Meningitis.

Write the mechanism of action of Rifampicin and INH. (4+3+3=10)

2. Answer any two of the following. (12)

a)

An adult male aged 48 years have come to the emergency with difficulty in breathing since last night. On physical and laboratory investigations he is confirmed to be a case of acute bronchial asthma. Describe the drug management of this patient. Mention the rational use and mode of administration of these drugs.

b)

A lady came to emergency with loss of consciousness since last 6 hours. After examination she is diagnosed to be a case of diabetic coma. Describe the

drug management of this patient.

c)

A young boy aged 13 years was brought to casualty with history of high fever and generalized weakness. He is diagnosed to be suffering from typhoid fever. Enumerate the drugs used to manage this patient,

3. Write short note on any three of the following. (18)

a)

Drugs used as uterine relaxants.

b)

Vaccines used under National Immunisation Program.

c)

Anti-amoebic agents.

d)

Anthelmintic drugs.

4. Answer any five of the following briefly. (10)

a)

Describe the management of Covid-19

b)

Drugs used in scabies.

c)

What are broad-spectrum anti-biotics.

d)

Name the Anti-emetics with their common adverse drug reactions

e)

What are Anti-tussive drugs, give examples,

f)

Write the drug therapy of candidiasis.

Section 2

5. Answer any one of the following (10)

a)

Enumerate the drugs used in the treatment of AIDS. Write the mechanism of action of these Drugs with their common adverse drug reactions. (4+4+2=10)

b)

Enumerate the drugs used for the treatment of multi-bacillary leprosy. Write the advantages of multi-drug therapy in leprosy. How would you treat lepra-1 reactions? (4+4+2=10)

6. Answer any two of the following: (12)

a)

A 22 year old girl is suffering from repeated urinary tract infection. Write the management for this patient.

b)

A 7 year old child presented to pediatric OPD with history of fever and cough. She was diagnosed to be a case of pneumonia. Write the drugs used to manage pneumonia and mention their adverse drug reactions.

c)

A 37 year old man visits medicine OPD with complaints of heart burn and upper epigastric pain since last 2 weeks. Write the drugs used to treat peptic ulcer. Why antacid and

sucralfate should not be used together.

7. Write short note on any three of the following: (18)

a)

Use of corticosteroids with suitable examples.

b)

Oral contraceptive drugs.

c)

Beta lactam antibiotics and their mechanism of action with therapeutic uses

d)

Common properties of Aminoglycosides

8. Answer any five of the following briefly: (10)

a)

Why Amoxicillin is used with clavulanic acid.

b)

Write the pharmacological actions of 6-

mercaptopurine.

c)

The drugs to be avoided in GoPD deficiency and why.

d)

Cotrimoxazole-its mechanism of action and uses.

e)

Mention the Ovulation inducing drugs.

f)

What are the drugs used in hyperthyroidism?

www.FirstRanker.com