

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MBBS 0322]

MARCH 2022

Sub. Code :6062

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2019-2020 Batch onwards)

SECOND YEAR

PAPER II – PHARMACOLOGY II

Q.P. Code: 526062

Time: Three hours

Maximum : 100 Marks (80 Theory + 20MCQS)

Answer all the Questions

I. Essay:

(2 x 15 = 30)

1.
 - a) Classify drugs used in peptic ulcer
 - b) Discuss the mechanism of action, uses and adverse effects of proton pump inhibitors.
 - c) Add a note on Anti-H.pylori drug regimens.
2.
 - a) Classify antimalarial drugs.
 - b) Describe the mechanism of action, uses and adverse effects of chloroquine.
 - c) Write briefly on Artemisinin based combination therapy(ACT).

II. Write Short notes on:

(10 x 5 = 50)

- 1) Role of Bisphosphonates in Osteoporosis.
- 2) Therapeutic uses and adverse effects of Cisplatin.
- 3) Mechanism of action and uses of ciprofloxacin.
- 4) Discuss alkylating agents used as anticancer drugs.
- 5) Betalactamase inhibitors.
- 6) Drugs for psoriasis.
- 7) Mechanism of action and adverse effects of Amphotericin B.
- 8) Mechanism of action, uses and adverse effects of Cyclosporine.
- 9) Selective estrogen receptor modulators (SERMS).
- 10) Multidrug resistant (MDR) TB.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MBBS 0822]

AUGUST 2022

Sub. Code :6062

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2019-2020)

SECOND YEAR - SUPPLEMENTARY (CBME)

PAPER II – PHARMACOLOGY II

Q.P. Code: 526062

Time: Three hours

Maximum : 100 Marks (80 Theory + 20MCQs)

Answer all the Questions

I. Essay:

(2 x 15 = 30)

1. A 25-year-old man has continuous low-grade fever for past 7 days. He also complains of abdominal pain, loss of appetite, tiredness, and loose motions. On examination he was febrile, and he had coated tongue. Total leucocyte count was found to be elevated. Blood Widal test was positive and blood culture was positive for S.Typhi.
 - a. What are the drugs given in this condition?
 - b. Which is the drug empirically used in this condition? Explain its mechanism of action, adverse effects and other uses of this drug?
 - c. Mention the uses and adverse effects of fluroquinolones.
2. A patient received first cycle of Cisplatin for head and neck cancer following which he developed severe nausea and vomiting.
 - a. Name the drugs used in the management of nausea and vomiting in this patient and explain its mechanism of action.
 - b. Classify antiemetics.
 - c. Explain in detail mechanism of action, uses and adverse effects of Prokinetic agents.

II. Write Short notes on:

(10 x 5 = 50)

1. Drugs used in erectile dysfunction.
2. Drugs for Acne.
3. Postcoital contraception.
4. Vancomycin.
5. Therapeutic uses and adverse effects of Aminoglycosides.
6. Mechanism of action and uses of Metronidazole.
7. Mention 4 chelating agents. Explain in detail chelating agent used in iron poisoning.
8. Mechanism of action, adverse effects and uses of Cotrimoxazole.
9. Mechanism of action, uses and adverse effects of Methotrexate.
10. Tocolytics
