Dr YSR UNIVERSITY OF HEALTH SCIENCES :VIJAYAWADA- 520008

MBBS DEGREE EXAMINATION: DECEMBER, 2022

SECOND M.B.B.S. EXAMINATION

PHARMACOLOGY PAPER-I

(Multiple Choice Questions)

Time: 2 Hour 40 Minutes   Max Marks: 80

Note: Answer all questions.

Draw a neat diagram wherever necessary

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SECTION-II (THEORY QUESTIONS - 80 MARKS)

WRITE ESSAY ON THE FOLLOWING: 2 X15 = 30

1. Classify beta blockers. Discuss the pharmacological actions, therapeutic

uses and adverse effects of propranolol   (5+4+3+3)

2. Classify antidepressants with examples. Explain the mechanism of action, uses and adverse effects of Selective Reuptake Inhibitors (SSRIs). Mention drugs used in bipolar disorders   (5+3+2+3+2)

WRITE SHORT NOTES ON THE FOLLOWING: 10x5=50

3. What is plasma protein binding. Explain its clinical significance

4. Explain the uses and adverse effects of morphine

5. Describe the mechanism of action and uses of amiodarone

6. Describe the mechanism of action, uses and adverse effects of Loop diuretics

7. Write a note on pharmacovigilance

8. Mention the drugs used in treatment of migraine with its rationale

9. Describe mechanism of action of Lorazepam and uses. Add a note on

management of Lorazepam overdose

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10. A 50 year old female presented to medicine OPD with shortness of breath, feeling tired (fatigue) easily and having swelling in the ankles, legs and abdomen. She's a known case of diabetes, hypertension and high cholesterol levels. She was diagnosed with congestive cardiac failure. Name the different classes of drugs which will help in the given case scenario. Explain the mechanism of action of Digoxin

11. Drugs used in pre anesthetic medication with their rationale

12. A farmer was brought to the emergency room at a tertiary hospital, with complaints of altered sensorium, increased sweating and oral secretions. On examination, blood pressure was 110/60 mm Hg, pulse rate was 56 beats per minute and his pupils were pinpoint. What is the diagnosis and discuss the management in the above case

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