

[MBBS 0524]

MAY 2024

Sub. Code :6061

M.B.B.S. DEGREE EXAMINATION

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

SECOND PROFESSIONAL – SUPPLEMENTARY (CBME)**PAPER I – PHARMACOLOGY - I***Q.P. Code: 526061***Time: Three hours****Maximum : 100 Marks (80 Theory + 20MCQs)****Answer all the Questions****I. Essay:****(2 x 15 = 30)****(1+4+10)**

1. A 40 Yr old female presents with symptoms of tiredness, sadness, loss of interest, low energy, guilt, change in appetite, suicidal thoughts.
 - a) What could be your probable diagnosis?
 - b) Classify Antidepressant drugs.
 - c) Discuss in detail about the mechanism of action, pharmacological actions, adverse effects and uses of Tricyclic antidepressants.
2. 25 years old male with past history of asthma and complaints of coughing, shortness of breath even at night time, chest tightness, wheezing, suggestive of moderate persistent asthma.
 - a) Enumerate the drugs used for bronchial asthma.
 - b) Describe the mechanism of action, uses and adverse effects of inhaled bronchodilators in therapy.
 - c) Write a note on Mast cell Stabilizers.

(3+8+4)**II. Write Short notes on:****(10 x 5 = 50)**

1. Name some second generation Antihistamines and its advantages.
2. Importance of carvedilol as therapeutic agent.
3. Therapeutic index and its clinical significance.
4. Fixed dose combination of drugs.
5. Explain the principles of Autonomy and beneficence.
6. Write briefly about Tramadol.
7. Intravenous regional anaesthesia.
8. Mechanism of action and adverse effects of directly acting muscle relaxants
9. Explain the pharmacological actions and adverse effects of Nifedipine.
10. Therapeutic uses of digoxin and its adverse effects.
