



SUPERIOR UNIVERSITY

THE SUPERIOR UNIVERSITY
3RD PROFESSIONAL MBBS
ANNUAL EXAMINATION 2021
PHARMACOLOGY
(SEQ's)

Roll No. _____

Time Allowed: 2HOURS

Total Marks: 75

Instructions

1. Attempt all questions.
2. All question carry equal marks.
3. The SEQ's part is to be submitted within 2 hours, Extra time will not be given.
4. Neat Handwriting use of margin and marker for headlines will increase the presentation of your paper.
5. Do not write your name or disclose your identity in anyway.

1. (A) Discuss pharmacological antagonism with examples. 3
(B) Give management of acute anaphylactic shock. 2
2. (A) Classify cholinergic drugs? 2
(B) Give mechanism of action and clinical uses of Neostigmine? 3
3. Give rationale of using:
(A) Tamsulosin in benign prostatic hypertrophy 2.5
(B) Beta blockers in hypertension 2.5
4. Discuss the pharmacological actions of opioids 5
5. (A) Write down the Mechanism of action & clinical uses of Carbamazepine. 3
(B) What is Malignant hyperthermia? How would you treat it? 2
6. (A) Enumerate selective COX 2 inhibitors. 1.5
(B) Briefly describe the antiplatelet role of aspirin. 2
(C) Enumerate drugs used in the treatment of acute gout. 1.5
7. A 50-year-old male diagnosed with supraventricular tachycardia is advised an antiarrhythmic drug.
A. Classify antiarrhythmic drugs. 2
B. Explain mechanism of action and adverse effects of lidocaine. 3

8. ✓ (A) Classify the drugs used for the treatment of peptic ulcer disease. 2
(B) Give mechanism of action and adverse effects of omeprazole. 3
9. (A) Classify drugs used for bronchial asthma. 3
(B) Discuss the role of corticosteroids in asthma. 2
- ✓ 10. (A) Describe mechanism of action and adverse effects of Warfarin? 3
(B) Enumerate four antiplatelet drugs. 2
- ✓ 11. (A) Classify anti-malarial drugs. 3
(B) Write down mechanism of action and side effects of metronidazole. 2
- ✓ 12. (A) Describe mechanism of action and side effects of quinolones. 3
(B) Write down clinical uses of penicillins. 2
- ✓ 13. (A) Enumerate Antithyroid drugs. 2
(B) Give Clinical uses and adverse effects of Insulin. 3
- ✓ 14. (A) Enumerate drugs used for treatment of glaucoma. 2
(B) Discuss mechanism of action and adverse effects of sulphonamides. 3
- ✓ 15. (A) Enumerate four groups of diuretics whose mechanisms based on sites of action. 3
(B) Give Mechanism of action & clinical uses of acetazolamide. 2