

**Second MBBS Examination, Winter
(Phase - III! All Other Remaining UG/PG Course) - 2019
PHARMACOLOGY & THERAPEUTICS - I**

Total Duration: Section A+B+C = 2 Hours ■ Section B & C Marks: 32

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SECTION B & SECTION C

Instructions:

Use blue/black ball point pen only.

Do not write anything on the blank portion of the question paper.

Writing anything in such areas will be considered as an attempt to resort to unfair means.

All questions are compulsory.

The number to the right indicates full marks.

Draw diagrams wherever necessary.

Distribution of syllabus in Question Paper is only meant to cover the entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the question is out of syllabus. As it is only for the placement sake, the distribution has been done.

Use a common answer book for section B & C.

SECTION "B" SAQ (20 Marks)

2) Short Answer Questions (Any five out of six): [5 x 4 = 20]

- Describe types of drug antagonism. State their clinical significance.
- Discuss the drug treatment of organophosphorus compound poisoning with rationale.
- Classify lipid-lowering drugs with one example each. Write their mechanism of action.
- Enumerate differences between hydrochlorothiazide and furosemide.
- Classify drugs in glaucoma. Write mechanism of action and adverse effects of any two groups.
- Enumerate shocks. Name adrenergic drugs and their mechanism in the treatment of different types of shock.

SECTION "C" LAQ (12 Marks)

3) Long answer questions (any two out of three) : [2X6=12]

- Classify drugs in angina pectoris. Write pharmacological basis for various drug combinations used in the treatment of angina pectoris.
- Classify drugs used in the treatment of peptic ulcer. Write mechanism of action, therapeutic uses & adverse effects of proton pump inhibitors.
- Define the term bioavailability of a drug. Discuss various factors affecting bioavailability of a drug.
