

PAPER CODE: 01201A
Second M.B.B.S. (Old) Examination, Summer - 2021
PHARMACOLOGY & THERAPEUTICS -I

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

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Instructions:

- 1) Use blue/black ball point pen only.
- 2) Do not write anything on the blank portion of the question paper.
Any written content in that area will be considered as an attempt to resort to unfair means.
- 3) All questions are compulsory.
- 4) The number to the right indicates full marks.
- 5) Draw diagrams wherever necessary.
- 6) 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 in 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.
- 7) Use a common answer book for section B & C.

****SECTION "B" SAQ (20 Marks)****

2) Short answer question (any five out of six): [5 x 4 = 20]

- a) Describe the therapeutic uses of atropine.
- b) What is the rationale for the use of atenolol in angina pectoris?
- c) Compare and contrast between competitive and non-competitive drug antagonism.
- d) Describe the mechanism of action and therapeutic uses of domperidone.
- e) What are the indications and contraindications of anti-coagulants?
- f) Describe the mechanism of action and therapeutic uses of mannitol.

****SECTION "C" LAQ (Any two out of three) (12 Marks)****

3) Long answer question (any two out of three): [2 x 6 = 12]

- a) Define bioavailability. Describe the various factors affecting it.
- b) Classify the drugs used in peptic ulcer. Describe the mechanism of action, therapeutic uses, and adverse effects of omeprazole.
- c) Enumerate the ACE Inhibitors. Describe the mechanism of action, therapeutic uses, and adverse effects of telmisartan.
