

**PAPER CODE: 01201A**  
**Second M.B.B.S. Examination, Summer (Phase - III All Other**  
**Remaining UG/PG Courses) - 2020**  
**PHARMACOLOGY & THERAPEUTICS - I**

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**Total Duration: Section B + C = 2 Hours**

**Section B & C Marks: 32**

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**SECTION - B & SECTION C**

Instructions:

- 1) Use blue/black ballpoint pen only.
- 2) Do not write anything on the blank portion of the question paper.

Written anything, such type of act 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 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.

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) Write a short note on pharmacological uses and adverse effects of niacin.
- b) Describe the mechanisms of anti-hypertensive actions of beta blockers.
- c) Explain clinical importance of pharmacodynamic drug interactions with suitable examples.
- d) Give four examples of teratogenic drugs. What precautions may be taken to prevent teratogenicity?
- e) Describe the mechanism of action and adverse effects of metoclopramide.
- f) Explain, in detail, the advantages of iron sucrose over other parenteral iron preparations.

### **SECTION-"C" LAQ (12 Marks)**

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

- a) Classify antianginal drugs. Describe the mechanism of action and adverse effects of each group.
- b) Describe the mechanism of action, therapeutic uses and adverse effects of proton pump inhibitors.
- c) What is bioavailability? Describe factors affecting it.

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