

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

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) [5X4=20]

- a) Enumerate various antimalarial agents. Outline the drug treatment of chloroquine-resistant *P. falciparum* malaria. Mention other uses of chloroquine.
- b) Classify H1 antihistaminics giving suitable examples. Mention four therapeutic uses and adverse effects of them. Mention one histamine analogue giving its therapeutic use.
- c) Enlist various tocolytic agents. Compare & contrast Oxytocin & Prostaglandins on the basis of their mechanism of action, action on uterus & therapeutic uses.
- d) Write four groups of drugs with examples & respective mechanism of action used for prophylaxis of bronchial asthma.
- e) Classify hypnosedatives giving suitable examples. Mention four therapeutic uses of diazepam giving rationale for its use.
- f) Enlist four immunomodulators. State four clinical conditions in which they are used (one for each). Give justification for their use in any two conditions.

SECTION C LAQ (12 Marks)

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

- a) Classify opioid analgesics. Write in brief the mechanism of action and therapeutic uses & adverse effects of morphine.
- b) Enumerate different types of oral contraceptives. Describe their mechanism of action and adverse effects.
- c) Classify antitubercular agents. State the mechanism of action & side effects of first line antitubercular agents. Outline the drug treatment of tubercular meningitis.
