

QP Code:102112

Reg. No.:.....

**PG Degree Supplementary Examinations in Pharmacology (MD)
November 2022**

Paper II - Systematic Pharmacology, Chemotherapy and Therapeutics

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. Discuss the pharmacological actions and the role of insulin in the management of diabetes mellitus. Add a note on newer insulins.

Short essays:

(8x10=80)

2. Discuss the various drugs used in rheumatoid arthritis.
3. Topical antifungal agents.
4. 5HT₃ receptor antagonists.
5. Third generation beta blockers.
6. Echinocandins.
7. Pseudomembranous colitis and its management.
8. Role of topoisomerase inhibitors in cancer chemotherapy.
9. Role of cytokines in health and disease.
