



DBW-MPL-201-T

Seat No. _____

**M. Pharm (Pharmacology) (Sem. II) (External)
Examination**

July - 2022

MPL-201T : Advanced Pharmacology-II

Time : 3 Hours]

[Total Marks : 75

- Instructions :** (1) Draw clean diagrams wherever necessary and tie each section separately.
(2) Figures to the right indicate full marks for the respective question.

1 Answer the following Questions : 10×2=20

- (1) Explain role of SGL2 inhibitors as antidiabetic.
- (2) What is hypersensitivity reaction.
- (3) Enlist four drugs used to treat asthma and COPD.
- (4) Enlist any two antiparkinson's agents with mechanism.
- (5) Give first line drug treatment for TB.
- (6) Mention therapeutic uses of thyroid hormone.
- (7) Justify Comment: Corticosteroid are contraindicated in peptic ulcer.
- (8) What do you mean by superinfections?
- (9) Give class and therapeutic uses of Metachlopramide.
- (10) Enlist four drugs used in treatment of travellers diarrhoea.

2 Answer any two out of Following : 10×2=20

- (1) Classify antiulcer agent. Explain cellular and molecular mechanism of action and pharmacology of PPI.
- (2) Classify anticancer agent and discuss pharmacology of any one class of anticancer agents.
- (3) Write in detail, the role of free radicals in diabetic complications.

3 Answer any **seven** out of the following. **7×5=35**

- (1) Describe antibiotic resistance mechanism.
 - (2) Write a note on pharmacology of Penicillin.
 - (3) Classify anti-fungal agents. Explain polyene antifungal agents.
 - (4) Classify anti-virals. Describe drug used in influenza.
 - (5) Write note on immunosuppressant.
 - (6) Classify antimicrobial agents on the basis of mechanism of action. Write a note on beta lactamase inhibitors.
 - (7) Classify antiameobic agents and discuss pharmacology of any one drug.
 - (8) Write a note on aminoglycoside antibiotics.
 - (9) Write in detail about oral contraceptives.
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