

Roll No.

Total No. of Pages : 02

Total No. of Questions : 10

B.Pharma (Sem.-8)
PHARMACOLOGY-IV (Clinical Pharmacy & Drug Interaction)

Subject Code : BPHM-804

M.Code : 72299

Date of Examination : 11-07-22

Time : 3 Hrs.

Max. Marks : 80

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of FIFTEEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains FOUR questions carrying TEN marks each and students have to attempt any THREE questions.

SECTION-A

1. Write briefly :

- a) Differentiate between Type 1 and Type 2 diabetes mellitus.
- b) Define pharmacodynamic interactions.
- c) What is gout?
- d) What is the clinical significance of therapeutic drug monitoring?
- e) What is essential drug list?
- f) Give two characteristics of cancer cells.
- g) Ulcerative colitis.
- h) Name the enzymes that are estimated in liver function test.
- i) Why montelukast is used in bronchial asthma?
- j) What are the common adverse effects of antipsychotic drugs?
- k) Name two drugs used in obesity.
- l) Why all drugs are not prescribed in elderly?
- m) What is pernicious anemia?

- n) Define congestive heart failure.
- o) What is the need for individualization of drug therapy?

SECTION-B

- 2. Discuss the following :
 - a) Drug induced diseases
 - b) Peptic ulcer
- 3. Write a note on pharmacokinetic drug interactions.
- 4. Describe briefly :
 - a) Epilepsy
 - b) Malaria
- 5. Describe the following :
 - a) Rational drug use
 - b) Anemia
- 6. Enlist the various drugs used for the treatment of Parkinson's disease and their rationale.

SECTION-C

- 7. Discuss the pathophysiology of Parkinson's disease. Classify Anti- Parkinson's drugs.
- 8. Give an account of thyroid disorders and their pharmacotherapy.
- 9. Write a note on pharmacotherapy of following :
 - a) *Diabetes mellitus*
 - b) Depression

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC case against the Student.