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Total No. of Pages : 02

Total No. of Questions : 13

B.Pharma (Sem.-4)
PHARMACOLOGY-I
Subject Code : BP-404T
M.Code : 75846
Date of Examination : 06-01-2023

Time : 3 Hrs.

Max. Marks : 75

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains THREE questions carrying TEN marks each and student has to attempt any TWO questions.
3. SECTION-C contains NINE questions carrying FIVE marks each and student has to attempt any SEVEN questions.

SECTION-A

1. Answer briefly :

- a) What is Bioavailability? Name primary factors affecting bioavailability.
- b) What is Tachyphylaxis?
- c) What is Prazocin?
- d) What is Therapeutic index? Indicate its significance.
- e) What are Pharmacokinetic drug interactions?
- f) What is GABA?
- g) What are atypical anti-psychotics? Give two examples.
- h) What is Ketamine?
- i) What is Petitmal epilepsy? Name two drugs for this condition.
- j) What is Glaucoma? Mention two drugs for this condition.

SECTION-B

2. Write an exhaustive note on pharmacology of anti-adrenergic drugs.
3. Discuss pharmacology of anti-Parkinsonian drugs.
4. Discuss pharmacology of anti anxiety agents.

SECTION-C

5. What is parenteral route of drug administration? Indicate merits and demerits of IV route of administration.
6. Add a brief note on local anaesthetic agents.
7. Add a note on various processes of transport across cell membrane.
8. Explain mechanism of action and side effects of phenytoin.
9. Write a brief note on drugs for Alzheimer's disease.
10. What is drug discovery and drug development? Outline various phases of clinical trials of drugs.
11. Write a brief note on opioid analgesics.
12. Add a brief note on Phenothiazines as anti-psychotic agents.
13. Write a note on selective serotonin reuptake inhibitors.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.