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Total No. of Pages : 02

Total No. of Questions : 11

M.Sc. (Chemistry) Campus (2015 to 2017) (Sem.-2)

PHARMACOLOGY

Subject Code : CHL-416B

M.Code : 74887

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTIONS TO CANDIDATES :

1. Question No.1 is compulsory
2. Attempt any SIX questions from SECTION-B and any TWO from SECTION-C.

SECTION-A

1. Briefly discuss the following :

- a. LD50
- b. Generic versus branded
- c. Vital capacity
- d. Micturition
- e. Allegation method
- f. Suppositories
- g. Agonist
- h. Bioavailability
- i. Half life
- j. Universal antidote





SECTION-B

2. Discuss the process of urine formation with suitable diagram.
3. Write a note on various routes of drug administration with suitable example.
4. Elaborate your views on various types of mixtures.
5. Write a note on aerosols.
6. Discuss various Phase I metabolic reactions with suitable examples.
7. Briefly discuss acid base balance in human body.

SECTION-C

9. Draw labelled diagram of neuron. Discuss nerve impulse generation and transmission.
10. Write short notes on the following :
 - a. Emulsions
 - b. Preformulation tests
11. Discuss the following with suitable diagram/flow charts :
 - a. Types of receptors
 - b. Management of poisoned patient

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.

