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Total No. of Pages : 02

Total No. of Questions : 24

B.Pharm (2012 to 2016) (Sem.-5)

**PHARMACOLOGY-I**

Subject Code : BPHM-503

M.Code : 70429

Time : 3 Hrs.

Max. Marks : 80

**INSTRUCTIONS 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****Write in brief the following :**

1. Drug
2. Receptor
3. Neurotransmitter
4. Half life
5. Renal clearance
6. Therapeutic index
7. Adverse drug reaction
8. Antipyretic
9. Bioassay
10. Neuromuscular blocker

11. Pharmacogenetics
12. Drug tolerance
13. Stages of general anesthesia
14. Atropine
15. Aliphatic alcohols

### SECTION-B

16. Write a note on Narcotic analgesics.
17. Enumerate factors affecting drug absorption and give advantages of oral route of drug administration.
18. Give a brief account of antianxiety drugs.
19. Differentiate between parasympathetic and sympathetic system. Classify parasympathomimetics.
20. Describe various anti parkinsonism drugs.

### SECTION-C

21. Discuss the pharmacology of following :
  - a) Lignocaine
  - b) Disulfiram
  - c) Carbamazepine
  - d) Lithium
22. Describe various phases of the clinical evaluation of a new drug candidate.
23. Write a detailed note on COX-2 inhibitors.
24. Classify Antidepressants and discuss pharmacology of Fluoxetine.

**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.**