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Total No. of Pages : 02

Total No. of Questions : 13

B.Pharma (2017 Batch) (Sem.-4)

PHARMACOLOGY-I

Subject Code : BP-404T

M.Code : 75846

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) Define with examples "agonist" and "antagonist".

b) What are receptors? Give two examples of Ion channel receptors.

c) What is therapeutic index? Indicate its significance.

d) What is pharmacovigilance? Highlight significance of pharmacovigilance.

e) What are beneficial drug interactions? Give an example.

f) What is myasthenia gravis? Name a drug for this condition.

g) What is disulfiram?

h) Indicate various stages of general anaesthesia.

i) What is grandmal epilepsy? Name two drugs for this condition.

j) Define with examples, sedatives and hypnotics.

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SECTION-B

2. Classify various routes of drug administration and discuss critically about parenteral routes.

3. Discuss pharmacology of anti-depressants.

4. What are para-sympatholytics? Classify them and discuss pharmacology of Atropine

SECTION-C

5. What is drug absorption? Give an account of various factors affecting drug absorption.

6. What is drug discovery and drug development? Describe various phases of clinical trials of drugs.

7. Write a note on gaseous anaesthetic agents.

8. What is preanesthetic medication? Highlight significance of it and outline drugs that are used for preanaesthetic medication.

9. Write a brief note on drugs for Alzheimer's disease.

10. Write a note on centrally acting muscle relaxants.

11. Write a note on benzodiazepines as anti-anxiety agents.

12. Add a brief note on opioid analgesics.

13. Write a note on CNS stimulants.

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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.

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