

BP-501T

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ODD SEMESTER EXAMINATION , 2022-23

COURSE NAME :- B.PHARM

SEMESTER- VTH SEM

SUBJECT :- MEDICAL CHEMISTRY-II

TIME: 3 HOURS

MAX MARKS:75

Part - A

Attempt all questions

10X2=20)

1. Define is prodrug?
2. Tell about drug receptor interaction?
3. Cholinergic drugs are used for.....?
4. Opioid analgesics derived from..... ?
5. Examples of neurodegenerative disorders?
6. Respiratory stimulants act on.....
7. Name of any two antipsychotic drugs?
8. Give the names of any two H₂-antagonist drugs?
9. Metformin is the example of which category of drugs?
10. Name of any 2 anticoagulant drugs?

Attempt any two questions of the following.

(2X10)

1. Classify Antihistaminic drug with suitable examples. Describe SAR of H₁ receptor blockers.
2. Discuss the classification of diuretics and discuss MOA of Acetazolamide and prepare?
3. Discuss the nomenclature and stereochemistry of steroids and describe corticosteroids with their SAR and therapeutic uses?

Attempts any seven questions of the following:

(7X5)

1. Discuss SAR of loop diuretics using suitable structural examples?
2. An overview of local Anaesthetics.
3. Describe how biosynthesis works for insulin?
4. Confer the MOA of ACE inhibitors.
5. Explain the MOA of vincristine and vinblastine drugs.
6. Design Furosemide synthesis and its uses.
7. Classify Anticoagulant agents with their examples.
8. Describe the SAR of Thiazide diuretics along with structure of drugs.
9. Display the steroid nomenclature and metabolism.