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B.Pharma (2012 to 2016) (Sem.-8)
PHARMACOLOGY-IV
(Clinical Pharmacy & Drug Interaction)
Subject Code : BPHM-804
M.Code : 72299

Max. Marks : 80

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.**

1. Write briefly :

- a) Clinical Pharmacy
- b) Bioavailability
- c) Pharmacokinetics
- d) Half life
- e) Drug interaction
- f) TDM
- g) Rational use of drugs
- h) Hypertension
- i) Parkinsonism
- j) Obesity
- k) Goiter
- l) UTIs
- m) Gout

- n) Cancer
- o) Asthma

SECTION-B

2. Write short notes on :
 - a) Essential drugs
 - b) Thyroxine
3. Discuss the following :
 - a) Clinical toxicology
 - b) Nitrates in angina
4. Discuss the drugs for management hypertension in pregnancy.
5. Classify drugs used for treatment of depression and discuss pharmacology of SSRIs.
6. Explain mechanism of action, therapeutic uses and adverse effects of high- ceiling diuretics.

SECTION-C

7. Write notes on the following :
 - a) Atypical antipsychotics
 - b) Beta agonists
8. Discuss the following :
 - a) Anemias
 - b) Anti-malarial drugs
9. Discuss the principles of drug therapy in pediatrics with suitable examples.
10. Classify anti-epileptic drugs. Explain in detail the pharmacology and therapeutic indications of newer drugs along with their side-effects.

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC case against the Student.