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B.Pharma (2011 to 2016) (Sem.-8)
PHARMACOLOGY-IV
(Clinical Pharmacy & Drug Interaction)
Subject Code : BPHM-804
Paper ID : [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. Answer briefly :

- a) What is nitrate tolerance? How it is developed?
- b) Enumerate anti HIV drugs.
- c) Write Dilling's formula to calculate dose for paediatrics.
- d) Enlist the drugs used for treatment of hypertension in pregnant females.
- e) Name two agents which cause hepatotoxicity.
- f) Define an essential drug.
- g) Name antagonists used to treat barbiturate and opioid poisoning.
- h) What is Placebo?
- i) What do you mean by DOTS?
- j) What is clinical status of gliptins?
- k) Write the antidote used for iron poisoning and mercury poisoning.
- l) What are the various hallmarks of inflammation?
- m) What is AUGMENTIN®?

- n) Define the term Rational Prescription.
- o) Enlist drugs to be avoided during pregnancy.

SECTION-B

- 2. Write short notes on :
 - a) Triple therapy for *H. pylori*.
 - b) Anaemia.
- 3. Discuss the following :
 - a) Gout.
 - b) Drug interactions.
- 4. Classify anti-thyroid drugs. Discuss the mode of action, uses and side effects of carbimazole.
- 5. Write a note on tuberculosis.
- 6. Discuss the etiology and management of depression.

SECTION-C

- 7. Write short notes on management of the following :
 - a) Chloroquine resistant Malaria.
 - b) Therapeutic drug monitoring.
- 8. Discuss the following :
 - a) Insulin preparations.
 - b) Kidney function tests.
- 9. Discuss the following:
 - a) Principles of drug therapy in paediatrics.
 - b) Drug therapy of extra-intestinal amoebiasis.
- 10. Discuss drug therapy used for the management of hypertension in detail.