

04-06-19

Total No. of printed pages = 6

PY 132803

BINA CHOWDHURY CENTRAL LIBRARY
(GIMT & GIPS)

Roll No. of candidate

Azara, Hatkhowapara, Guwahati -781017									
--	--	--	--	--	--	--	--	--	--

2019

B.Pharm. 8th Semester End-Term Examination

CLINICAL PHARMACY AND THERAPEUTICS

(Old Regulation)

Full Marks – 100

Time – Three hours

The figures in the margin indicate full marks
for the questions.

Section A

Answer all questions

(10 × 1 = 10)

1. (i) What is polypharmacy?
- (ii) DTC stands for
 - (a) Dispensing and therapeutic committee
 - (b) Drug and treatment committee
 - (c) Dosing and therapeutic committee
 - (d) Drug and therapeutics committee

[Turn over

(iii) cheese reaction is due to the

- (a) Drug interaction with COMT inhibitors and Tyrosine
- (b) Drug interaction with NMDA inhibitors and Tyrosine
- (c) Drug interaction with MAO inhibitors and Tyrosine
- (d) Drug interaction with Benzodiazepine inhibitors and Tyrosine

(iv) Disulfiram blocks which of the following enzyme?

- (a) Aldehyde dehydrogenase
- (b) Alcohol dehydrogenase
- (c) Amylase
- (d) All of above

(v) Which one of the following is gastric hurrying agent?

- (a) Furosemide
- (b) Metoclopramide
- (c) Acetazolamide
- (d) Cyproheptadine

(vi) Select the drug that is effective against hepatitis B virus

- (a) Indinavir
- (b) Didanosine
- (c) Efavirenz
- (d) Lamivudine

- (vii) Which part of brain is most affected in Parkinsonism?
- (a) Thalamus
(b) Putamen
(c) Substansial nigra
(d) Corpus striatum
- (viii) _____ is one of the main causative factors for peptic ulcer
- (a) Staphylococcus aureus
(b) Helicobacter pylori
(c) Taenia solium
(d) All of the above
- (ix) The following antitussive is present in opium but has no analgesic or addicting properties
- (a) Noscapine
(b) Codeine
(c) Ethymorphine
(d) Pholcodeine
- (x) Which one of the following is fastest acting inhaled bronchodilator?
- (a) Ipratropium bromide
(b) Formoterol
(c) Salbutamol
(d) Salmeterol

BINA CHOWDHURY CENTRAL LIBRARY
(GIMT & GIPS)
Azara, Hatkhowapara,
Guwahati -781017

Section B

Answer any six

(6 × 15 = 90)

2. (a) Describe Clinical Pharmacy and Therapeutic Drug monitoring? (5)
- (b) Classify drug-drug interactions? Describe pharmacokinetic drug interactions. (7)
- (c) Add a note on drug-food interaction. (3)
3. (a) Discuss in detail about the different pharmacokinetic parameter of neonates, children, adults and elderly. (5)
- (b) Define teratogenicity with example. Enlist the drugs contraindicated in pregnancy. (4)
- (c) Write about liver function in neonate and children. (3)
- (d) How can we control neonatal jaundice? (3)
4. (a) Define term cardiac glycoside. Brief the pharmacotherapy of CHF. (5)
- (b) What do you mean by High ceiling diuretics? Give example. (5)
- (c) Write about the pharmacology of Losartan and Amlodipine. (5)

5. (a) Describe the different types of cough medications. (5)
- (b) Describe etio-pathogenesis and sign-symptoms and diagnosis of asthma. (5)
- (c) Describe pharmacology of β_2 agonist, leukotriene antagonist and corticosteroids. (5)
6. (a) Classify antithyroid drugs and brief the mechanism of action actions of antithyroid drugs. (6)
- (b) Explain why T_4 is administered in hypothyroidism but not T_3 . (2)
- (c) Define tophi and pannus. Describe the treatment and management of rheumatoid arthritis. (5)
- (d) Add a note on uricosuric agent. (2)
7. (a) What do you mean by insulin resistance? Brief diagnosis of diabetes mellitus. (4)
- (b) Discuss about management of diabetes mellitus with Insulin and Sulfonylurea and Gliptins. (6)
- (c) Classify antifungal agents. Briefly discuss action of Itraconazole and Amphotericin. (5)
8. (a) What do you mean by retro-virus? Brief the therapy of AIDS and influenza. (5)
- (b) Describe the diagnosis and pharmacotherapy of Tuberculosis. (5)
- (c) Describe Pharmacotherapy of Hodgkin lymphoma. (5)

9. (a) Classify epileptic seizures and antiepileptic drugs. Add a note on drug therapy of epilepsy(5)
- (b) What is Parkinsonism? Classify anti-Parkinsonism drugs. Explain why carbidopa is combined with levodopa? (5)
- (c) What do you mean by antimanic agent? Brief the drug-drug interaction between lithium and diuretics. (5)

BINA CHOWDHURY CENTRAL LIBRARY
(GIMT & GIPS)
Azara, Hatkhowapara,
Guwahati 781017