



BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – B.Sc.(OTT)-2022/B.Sc.(OTT)-2023/B.Sc.(OTT)-2024

Course Name – Clinical Pharmacology

Course Code - BOTTC204

(Semester II)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Select the drug is contra indicated in patients of Asthma with Hypertension.
 - a) Non selective Beta blockers
 - b) Cardio selective Beta blockers
 - c) Diuretics
 - d) none of these
- (ii) Identify the correct option in respect to NSAIDS exert anti-inflammatory effect mainly by inhibition of:
 - a) Prostacyclins
 - b) Prostaglandins
 - c) Interleukins
 - d) Interferons
- (iii) Select the following drug commonly used as an anticonvulsant?
 - a) Citalopram
 - b) Carbamazepine
 - c) Clonidine
 - d) Ceftriaxone
- (iv) Identify the vaccine given to children in India to protect them from pneumonia and meningitis?
 - a) MMR vaccine
 - b) DTaP vaccine
 - c) Hib vaccine
 - d) Oral polio vaccine
- (v) State which is not adverse effect of Phenytoin –
 - a) Gum Hypertrophy
 - b) Hirsutism
 - c) Megaloblastic Anaemia
 - d) Hepatitis
- (vi) Name which is not drug for mania and bipolar disorder –
 - a) Lithium Carbonate
 - b) Sodium Valproate
 - c) Clozapine
 - d) Olanzapine
- (vii) Choose which is not an antianxiety drug-

- a) Diazepam
c) Buspirone
(viii) Describe which is not adverse effect of local anaesthetics:
a) Visual disturbances
c) Rashe
(ix) State the meaning of the term Autonomy.
a) self mechanism
c) disrespect
(x) Select the four major principles of medical ethics.
a) Autonomy, beneficence, non-maleficance and morality
c) Privacy, autonomy, beneficence and justice
(xi) Identify the meaning of correct documentation of medical record.
a) Accuracy
c) Confidentiality
(xii) Select who among the following extends the jurisdiction of a High Court to, or excludes from, any Union territory.
a) Parliament by law
c) The Chief Justice of India
b) Fluoxetine
d) Hydroxyzine
b) Hypotension
d) Gum Hypertrophy
b) self determination
d) discontinue to patient
b) Autonomy, beneficence, non-maleficance and justice
d) Autonomy, beneficence, universality and justice
b) Timeliness
d) Relevance
b) The President of India
d) Legislature of the State in which the High Court is situated
(xiii) Select the act whose tagline is JAGO GRAHAK JAGO.
a) CPA
c) RCI ACT
(xiv) Choose the organ which is not transplanted from abdomen.
a) Kidney
c) Stomach
(xv) Select the type of transplant method use for Bone marrow transplant.
a) Autograft
c) Xenograft
b) MTP Act
d) None of these
b) Diaphragm
d) Testis
b) Allograft
d) Iso Graft

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Define sterilization and disinfection with examples. (3)
3. Write a short note on the drugs used in pregnancy. (3)
4. Indicate the ways of HIV transmission. (3)
5. Write a short note on PPI drugs. (3)
6. Write a short note on Fixed Drug Combination (FDC). Give examples. (3)

OR

Differentiate between Type I and Type II Diabetes mellitus. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Enumerate the symptoms of Amoebiasis. Name the causative agent of the disease. State how (5)
can you prevent the disease.

8. Define "OTC drug" with example. Describe in detail about the sources of drugs. (5)
9. Classify Hypnotics & Sedatives with examples. Explain the pharmacology of diazepam. (5)
10. Write in detail about adrenergic agonists with suitable examples. (5)
11. Justify the following statement: Erythromycin must be administered as enteric coated tablet. Describe the MoA of Macrolides in brief. Give example of a semisynthetic macrolide. (5)
12. Explain the MoA of Local anesthetics in brief. Compare Procaine and Lignocaine. (5)

OR

Classify local anesthetics. State the uses of EMLA. (5)

LIBRARY
Brainware University
Sarasat, Kolkata -700125