

**BACHELOR OF MEDICAL LABORATORY
TECHNOLOGY
FOURTH SEMESTER
BASIC PHARMACOLOGY
BMLT – 401**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 1:30 hrs.

Full Marks: 35

Time: 15 mins.

(Objective)

Marks: 10

Choose the correct answer from the following:

1×10=10

- Angina also called-----that reduce----
 - Ischemic Chest pain , blood flow
 - Ischemic Chest pain , urine flow
 - Ischemic heart pain , blood flow
 - None of the above
- Anti anxiety drug is
 - Ampixillin
 - Thiopentone
 - Diazepam
 - Diazene
- What does "pharmacokinetics" include?
 - Pharmacological effects of drugs
 - Unwanted effects of drugs
 - Chemical structure of a medicinal agent
 - Distribution of drugs in the organism
- Excess intake of drugs leads to
 - Liver damage, Vomiting
 - Arthritis, vomiting
 - UTI, nausea
 - UTI , Vomiting
- A progressive disease that destroy memory and other important mental function is
 - Epilepsy
 - Parkinson disease
 - Alzheimer's disease
 - None of the above.
- Dictionary word for Augmented and drug abuse.
 - Excess of drug, misuse of drug
 - Excess of drug, overdose
 - Overdose, Depend on drug
 - Depend on drug, excess of drug
- Half life of a drug may be helpful to determine the
 - Rate of absorption in GI tract
 - Time to get the steady state
 - Level of absorption
 - Distribution of drug

8. Pharmacokinetics is
- a. Study of biological and therapeutic effects
 - b. Study of mechanism of drug action
 - c. Study of absorption, distribution, metabolism and excretion of drug
 - d. None of the above
9. The main mechanism of most drugs absorption in GI tract is:
- a. Active transport (carrier-mediated diffusion)
 - b. Filtration (aqueous diffusion)
 - c. Endocytosis and exocytosis
 - d. Passive diffusion (lipid diffusion)
10. Full form of SOS
- a. System operating system
 - b. See on symptoms
 - c. Sai opas sis
 - d. None

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(Descriptive)

Time : 1 hr. 15 min.

Marks : 25

[Answer question no.1 & any two (2) from the rest]

1. What is mean by plasma half life with example? 5
2. What is pharmacology and what are the routes of drug administration? 2+8=10
3. What is mean by sedatives and hypnotics & write a note on Parkinson's disease? 5+5=10
4. Write a note on classification of antimicrobial agent according to their action. 10
5. What is mean by pharmacodynamics & write a note on Adverse drug reaction? 10

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