

# School of Basic and Applied Sciences

BioScience  
ETE - Jun 2023

Time : 3 Hours

Marks : 100

## Sem II - C2UH201B - Medical Physiology-I

*Your answer should be specific to the question asked  
Draw neat labeled diagrams wherever necessary*

1. Write short notes on various Components of Blood. K1 CO1 (5)
2. Explain the Digestion in Mouth. K1 CO1 (5)
3. Name various enzymes involved in Digestion. K2 CO2 (5)
4. Discuss the structure of Stomach and its role in digestion. K2 CO2 (10)
5. Write notes on Functional Anatomy of Muscles. K3 CO3 (10)

### OR

- Discuss the function of Limbic systems and the structures involved in the limbic system along with their role. K3 CO3 (10)
6. Write notes on Cardiac Cycle. K3 CO3 (10)
  7. Write notes on Ear. K4 CO4 (10)
  8. Discuss which parts of the Ear help in 1. Hearing 2. Equilibrium K4 CO4 (15)

### OR

- What is EPSP and IPSP and describe their interaction in Neuro control mechanisms? K4 CO4 (15)
9. Write notes on 1. Na/K pump 2. Myelination in Nerve 3. Structure of Cardiac Muscles K4 CO4 (15)
  10. Explain How Cardiac Impulse is generated in Sinoauricular Node. What happens when it fails to work? K3 CO3 (15)