

QP Code: D 122998		Total Pages: 1	Name:
			Register No.
SECOND SEMESTER (CUFYUGP) DEGREE EXAMINATION, APRIL 2025			
ZOOLOGY			
ZOO2MN101: INTRODUCTORY HUMAN PHYSIOLOGY			
2024 Admission onwards			
Maximum Time :2 Hours			Maximum Marks :70
Section A			
All Questions can be answered. Each Question carries 3 marks (Ceiling: 24 Marks)			
1	What are the characteristics of vital organs?		
2	Enumerate blood clotting factors.		
3	Describe mountain sickness.		
4	What are the factors that influence the transport of gases in the blood?		
5	Differentiate between rigor mortis and tetanus.		
6	Describe the different types of muscles in man.		
7	Describe the sensations of tingling and tickling.		
8	Comment on juxtaglomerular apparatus.		
9	Describe the process of haemodialysis.		
10	Analyze the physiological causes of vomiting.		
Section B			
All Questions can be answered. Each Question carries 6 marks (Ceiling: 36 Marks)			
11	Briefly describe the major components of the human body systems.		
12	Describe the structure of hemoglobin and its types.		
13	Distinguish between granulocytes and agranulocytes.		
14	Describe major proteins and their properties present in striated muscles.		
15	How is an action potential generated in a neuron?		
16	Explain various steps in Ornithine cycle.		
17	Briefly explain the regulation of gastric secretion.		
18	Write short notes on (a) obesity (b) flatulence (c) peptic ulcer		
Section C			
Answer any ONE. Each Question carries 10 marks (1x10=10 Marks)			
19	Explain carbon dioxide transport in the blood.		
20	What is a synapse? Explain the different types of synaptic transmission of impulses.		