

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of Biological and Life Sciences Summer Term Examination – July - August 2024 [Programme: BSC (H) Biomedical Sciences 2022-23 II] [Semester: II] [Batch:]				
Course Title: Human Physiology II Course Code: C2UA201B		Max Marks: 100 Time: 3 Hrs.		
Instructions:	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	COs	Marks
SECTION-A (15 Marks)		5 Marks each		
1.	Describe the structure of the human heart. What are the functions of its four chambers?	K1	CO1	5
2.	Explain the stages of the cardiac cycle, including systole and diastole.	K1	CO1	5
3.	What is an ECG, and what information can it provide about heart function?	K1	CO2	5
SECTION-B (40 Marks)		10 Marks each		
4.	How are oxygen and carbon dioxide transported in the blood?	K2	CO2	10
5.	Describe the structure of a neuron and the function of its main parts.	K2	CO3	10
6.	What are the main components of saliva, and what roles do they play in digestion and oral health?	K3	CO3	10
7.	How does saliva contribute to the sense of taste? Discuss the mechanism behind it.	K3	CO4	10
SECTION-C (45 Marks)		15 Marks each		
8.	How is blood pressure regulated by the body? Discuss the roles of baroreceptors and the renin-angiotensin system.	K4	CO4	15
9.	Elucidate the main components of gastric juice, and what are their functions?	K4	CO5	15
10	Describe the function of chief cells in the stomach. What substances do they secrete?	K4	CO5	15