

Name. _____			Printed Pages:01		
Student Admn. No.: _____					
<b>School of Medical and Allied Sciences</b> <b>Back paper Examination – July - August 2024</b> <b>[Programme: B.Pharm ] [Semester: First] [Batch: All ]</b>					
Course Title: HUMAN ANATOMY AND PHYSIOLOGY - I			Max Marks: 100		
Course Code: BP101T/ BPHT1001			Time: 3 Hrs.		
<b>Instructions:</b>	1. All questions are compulsory. 2. Assume missing data suitably, if any.				
			K Level	COs	Marks
<b>SECTION-A (15 Marks)</b>			<b>5 Marks each</b>		
1.	What are processes of transport across cell membrane in detail?	K1	CO1	5	
2.	Demonstrate the functions of bones of axial and appendicular skeletal system.	K2	CO2	5	
3.	What are different types of joints based on their physiology.	K1	CO2	5	
<b>SECTION-B (40 Marks)</b>			<b>10 Marks each</b>		
4.	Classify types of cell communication with a detailed principles of cell communication.	K2	CO1	10	
5.	Identify the anatomy and physiology of skin and physiology of muscle contraction.	K3	CO2	10	
6.	Determine the lymphatic organs and tissues and lymphatic vessels.	K4	CO3	10	
7.	Discuss the detailed advancement of cell signaling in response to cell communication.	K3	CO6	10	
<b>SECTION-C (45 Marks)</b>			<b>15 Marks each</b>		
8.	Discuss the compositions of blood with functions and the process of hemopoiesis in detail.	K4	CO3	15	
9.	Assess the structure and functions of sympathetic Nervous System in detail.	K5	CO4	15	
10	Determine the electrophysiology of heart along with the anatomy and physiology of heart with labelled diagram in detail.	K5	CO5	15	