



**End Semester/Reappear (Semester I) Examination December, 2024**

**Programme: BMLT**

**Course: Human Anatomy and Physiology-1**

**Course Code: 42ABMT101**

**Enrolment no. \_\_\_\_\_**

**Full Marks: 70**

**Time: 3 Hrs.**

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks
<b>Section I</b>				
1	<b>Short Answer type questions.</b>			<b>4 x 5 = 20</b>
a	Describe the structure and function of Cell membrane	CO1	Understand	
	or			
b	Describe a short note on Endoplasmic reticulum and Golgi apparatus.	CO1	Remember	
	Define skeleton system and discuss the division of the skeleton system.	CO2	Understand	
	or			
c	Describe the function of bones.	CO2	Understand	
	Define blood and discuss the function of blood.	CO3	Understand	
	or			
d	Illustrate the morphological classification of RBC.	CO3	Apply	
	Explain all the organ involved in respiratory system.	CO4	Understand	
	or			
	Define digestive system and illustrate all the steps involve in digestion.	CO4	Apply	
<b>Section II</b>				
<b>Long Answer type questions.</b>				
2	Draw a neat and labelled diagram of endoplasmic reticulum and differentiate between Smooth endoplasmic reticulum and Rough endoplasmic reticulum on basis of function.	CO1	Create	<b>3 x 10 = 30</b>
	or			
3	Create a neat labelled diagram of Lysosomes, Nucleus and their function in details.	CO1	Create	
	or			
4	Formulate a table of all the Blood Clotting factors.	CO3	Create	
	or			
5	Explain the stages of Hemoposis.	CO3	Analyze	
	or			
6	Design a diagram of pacemaker tissue of the heart.	CO5	Create	
	or			
	Illustrate the function of heart.	CO5	Apply	
<b>Section III</b>				
<b>Application based questions</b>				
7	Draw a neat diagram of small intestine and explain in details.	CO4	Create	<b>1 x 20 = 20</b>
	or			
	Draw a neat diagram of liver and explain their role in derails.	CO4	Create	

**COURSE OUTCOME**

CO1 To understand the basics of anatomy and physiology and their functions

CO2 The students may understand the contributions of anatomical system, structure of skeleton system and its applications

CO3 The students may understand about the body fluids and their classifications, morphology, function

CO4 The students may understand about the anatomy of respiratory, digestive, liver and their functions that help for medical technology.

CO5 The students may understand about the human circulatory system and concepts of blood circulation and challenges of abnormalities.