PRN:		Course Code :	U26PC103

000576

First Year **B. Sc.** End Semester Examination Winter 2024

Human Anatomy and Physiology

Day and Date: Mon 2 DEC 2024 Max Marks: **50**

Time : 10:30AM To 12:30PM Duration: **02** hrs

Instructions: All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Attempt the following**			
	a)	Draw a neat labelled diagram of mitochondria.	02	L1	CO1
	b)	Enlist any four functions of blood.	02	L1	CO1
	c)	What parts make up the respiratory system?	02	L2	CO2
	d)	Define the functions of liver.	02	L1	CO1
	e)	Write a difference between arteries and veins?	02	L2	CO2
Q.2		**Attempt any two from the following**			
	a)	Describe the composition and operations of eukaryotic cells.	05	L2	CO2
	b)	Describe the prokaryotic cell in detail.	05	L2	CO2
	c)	Explain in brief: epithelial tissue.	05	L1	CO1
Q.3		**Attempt any two from the following**			
	a)	Write the lymphatic organs in detail.	05	L1	CO1
	b)	Describe the process of blood cell formation.	05	L2	CO2
	c)	Explain the composition of blood.	05	L1	CO1
Q.4		**Attempt any two from the following**			
	a)	Describe the nose and pharynx's anatomy.	05	L2	CO2
	b)	Explain the mechanism of the respiratory system.	05	L2	CO2
	c)	Explain the cardiac cycle.	05	L3	CO3
Q.5		**Attempt any two from the following**			
	a)	Describe the intestinal structure and function.	05	L2	CO2
	b)	Give a basic explanation of the digestive system.	05	L2	CO2
	c)	Discuss the blood circulation system.	05	L3	CO3

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