GALGOTIAS UNIVERSITY

ADMISSION NUMBER												

School of Medical and Allied Sciences

Diploma in Pharmacy
Mid Term Examination - May 2024

Duration : 90 Minutes
Max Marks : 40

Year I - ER2014T - Human Anatomy and Physiology

General Instructions
Answer to the specific question asked
Draw neat, labelled diagrams wherever necessary
Approved data hand books are allowed subject to verification by the Invigilator

1)	What is the function of lysosome?	K1 (1)
2)	Name a disorder that affects joints.	K1 (1)
3)	What are the three types of movements joints can perform?	K1 (1)
4)	What is the appendicular skeleton, and write its function?	K1 (1)
5)	What is the axial skeleton, and write is its function?	K1 (1)
6)	Name the four main types of tissues in the human body.	K1 (1)
7)	What are the main components of a cell?	K1 (1)
8)	What are the roles of organelles within a cell?	K1 (1)
9)	Define the term ribosmoe.	K1 (1)
10)	What are the types of joints based on their classification?	K1 (1)
11)	Explain the functions of connective tissues in the human body and give examples of different types of connective tissues.	K2 (3)
12)	Classify the role of mitochondria and draw a well labelled diagram of mitochondria.	K2 (3)
13)	Apply your knowledge on the red blood cells (RBCs), white blood cells (WBCs), and platelets in the circulatory system.	K3 (3)
	OR	
	Apply your knowledge on the blood clotting, emphasizing the importance of this process in preventing excessive bleeding.	K3 (3)
14)	Classify the composition of blood and its main functions in the human body.	K2 (3)

15) Explain the common disorders and conditions that affect joints and their impact on mobility. K2 (3)

16) Apply your knowledge on the cell and its organelles and explain why these organelles are important for understanding the human body. K3 (5)

17) Select the types of joints in the human body, such as hinge, ball-and-socket, and pivot joints. Discuss the movements associated with each type and provide examples. K3 (5)

OR

Select common disorders of joints and discuss their impact on the human body. Provide examples and potential treatments for these joint disorders. K3 (5)

18) Choose the components of a typical cell and their functions. How do these components work together to maintain cellular functions. K3 (5)