GALGOTIAS UNIVERSITY

ADMISSION NUMBER												

School of Medical and Allied Sciences

Bachelor of Physiotherapy
Mid Term Examination - May 2024

Duration : 90 Minutes
Max Marks : 50

Sem II - L2UA204T - Basic Principles of Biomechanics

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)	Explain stress strain releationship.	K2	(2)
2)	List classification of Lever system in body.	K1	(3)
3)	Illustrate the direction of roll and glide for: Shoulder Flexion, Hip Abduction and Knee Flexion in Non weight beraing position	K2	(4)
4)	Expalin when a student is carrying all of her books in her right arm. What does the additional weight do to her CoM.	K2	(6)
5)	Identify Close pack and Loose pack position of joints.	K3	(6)
6)	Identify types of Synovial Joints.	K3	(9)
7)	Examine the properties of Connective Tissue.	K4	(8)
8)	Examine OsteoKinematics and Arthrokinematics of Shoulder Joint.	K4	(12)
	OR		
	Examine OsteoKinematics and Arthrokinematics of Shoulder Flexion, Elbow Flexion.	K4	(12)