



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

Programme: BPT
Course: Anatomy I
Course Code: 23A101
Enrolment no. _____

Full Marks: 70
Time: 3 Hrs.

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks
Section I				
1	Short Answer type questions.			
a	Describe the nerve structure.	CO1	Understand	4 x 5 = 20
	or			
b	What do you understand by Ossification?	CO1	Understand	
	or			
c	List the key structure between artery and vein.	CO6	Remember	
	or			
d	What are layers of artery?	CO6	Remember	
	or			
e	Explain the anatomical position and articulating surface of ulna.	CO3	Understand	
	or			
f	Enumerate nerve supply and function of lumbricals.	CO3	Remember	
	or			
g	Describe carpal tunnel syndrome.	CO2	Understand	
	or			
h	Write down the cause and limb presentation in Wrist drops.	CO2	Remember	
	or			
Section II				
	Long Answer type questions.			
1	Describe how weakness or paralysis of Serratus Anterior might lead to deformity.	CO2	Apply	3 x 10 = 30
	or			
2	Describe Cubital Fossa boundary and content with diagram. Why it is clinically important?	CO2	Understand	
	or			
3	Describe the mechanics of Locking and unlocking of knee joint.	CO5	Understand	
	or			
4	Describe the origin, insertion, nerve supply and action of Quadriceps muscle .	CO5	Understand	
	or			
5	Compare the structural adaptation of upper limb and lower limb	CO4	Analyze	
	or			
6	Analyze the role of rotator cuff in stabilizing the shoulder joint.	CO4	Analyze	
	or			
Section III				
	Application based questions			
1	Suppose subclavian artery gets temporary block due to compression and analyze how it will hamper the blood supply of right upper limb?	CO4	Analyze	1 x 20 = 20
	or			
2	Analyze how the Quadriceps and hamstrings work together to stabilize the knee during movement. Analyze why knee joint is not considered as a normal hinge joint.	CO4	Analyze	
	or			

COURSE OUTCOME

- CO 1. The student should be able to identify & describe Anatomical aspects of muscle bones & joints, & to understand and analyze movements.
- CO 2 To understand the Anatomical basis of various clinical conditions e.g. trauma, deformities, pertaining to limbs.
- CO 3 To be able to localize various surface land-marks.
- CO 4 To identify & describe the source & course of major arterial venous & lymphatic system, with special emphasis to extremities.
- CO 5 To be able to demonstrate the movements of various joints.
- CO 6 Distinguish major arteries, veins & Lymphatics with special emphases to extremities