

Programme: BPT
Course: Orthopaedics
Course Code: 23A501
Enrolment no. _____
Full Marks: 70
Time: 3 Hrs.

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks
Section I				
1	Short Answer type questions.			4 x 5 = 20
a	Explain Sprain and Muscle Strain with its common sites of injuries.	CO2	Understand	
	or			
b	Name two common indications for performing an arthroscopy.	CO2	Remember	
	Describe the DVT and Pulmonary Embolism.	CO1	Understand	
	or			
c	Elaborate the description of the Fracture Pattern.	CO1	Remember	
	Describe the classification of Pelvic Injuries.	CO1	Understand	
	or			
d	Explain the Treatment of Fracture of Shaft of Femur.	CO1	Understand	
	Write short notes on CTEV.	CO4	Remember	
	or			
	Describe Torticollis.	CO4	Understand	
Section II				
Long Answer type questions.				
2	Discuss Clinical Features and Treatments Protocol of Septic Arthritis.	CO4	Understand	3 x 10 = 30
	or			
3	A 30-year-old patient presents with localized pain and swelling around the knee joint. X-rays show a lytic lesion at the distal femur near the knee. How would you apply your knowledge of Giant Cell Tumors to guide this patient's diagnostic workup and initial management?	CO4	Apply	
	A 30-year-old male is brought to the emergency department following a motor vehicle accident. He presents with severe hip pain, inability to move his leg, and shortening of the affected limb. How would you apply your knowledge of posterior hip dislocation to assess and manage this patient initially?	CO1	Apply	
	or			
4	Explain the typical Mechanism of Injury associated with a Colle's Fracture and a technique of Closed Manipulation.	CO1	Apply	
	Define Ankylosing Spondylitis. Enumerate the Diagnostic Criteria used to identify AS. List at least three complications that may arise as a result of AS.	CO4	Remember	
	or			
	A 55-year-old female presents with pain, stiffness, and swelling in both hands and wrists that has lasted for several weeks. On physical exam, you notice symmetrical joint involvement and morning stiffness lasting more than an hour. How would you apply your knowledge of rheumatoid arthritis to manage this patient's condition?	CO4	Apply	
Section III				
Application based questions				
5	A 5 year old boy presents with inability to walk for the last three days, on examinations her temperature of 100 F with diarrhoea and her right leg painful. Find the condition first and discuss in detail about pathology, prevention, complications and management of this condition.	CO4	Analyze	1 x 20 = 20
	or			
	Classify Spinal Deformities and How Spinal deformities differ with each other with schematic diagram.	CO4	Analyze	

COURSE OUTCOME

At the end of the course candidate will able to

CO1: Identify different types of fracture and dislocation of upper limb, lower limb, spine and Skull.

CO2: Understand different orthopedic procedure like arthrodesis, arthroplasty, osteotomy, Grafting, tendon transfer etc. bone

CO3: Describe different orthopedic condition and treatment like tennis elbow, golfer's elbow, Dequervan's disease, carpal tunnel syndrome, arthritis, etc.

CO4: Understand different infection and non-infection condition and management like tumor, Poliomyelitis, leprosy, nerve injury, deformities.