

S.No	Question	Question Type	Bloom's Level	Cognitive Domain
1	Define bone and explain its functions.	Short Note	Level 1	Remember
2	List the types of bones with examples.	Short Note	Level 1	Remember
3	Define fracture and classify fractures.	Short Essay	Level 1	Remember
4	Name the stages of fracture healing.	Short Note	Level 1	Remember
5	Define synovial joint and list its components.	Short Note	Level 1	Remember
6	Explain the structure of bone.	Short Essay	Level 2	Understand
7	Describe the process of fracture healing.	Long Essay	Level 2	Understand
8	Explain the functions of cartilage in joints.	Short Essay	Level 2	Understand
9	Differentiate between primary and secondary bone healing.	Short Essay	Level 2	Understand
10	Explain the role of ligaments and tendons in joint stability.	Short Essay	Level 2	Understand
11	Demonstrate the principles of orthopaedic assessment in a patient with fracture.	Long Essay	Level 3	Apply
12	Apply RICE principles in the management of an acute ankle sprain.	Short Essay	Level 3	Apply
13	Illustrate the physiotherapy management during immobilization phase of fracture healing.	Short Essay	Level 3	Apply
14	Select appropriate assessment techniques for a patient with knee pain.	Short Essay	Level 3	Apply
15	Examine the factors affecting fracture healing.	Long Essay	Level 4	Analyze
16	Compare cortical bone and cancellous bone with respect to structure and function.	Short Essay	Level 4	Analyze
17	Analyze the causes and complications of delayed union and non-union.	Long Essay	Level 4	Analyze
18	Differentiate between sprain and strain based on clinical features.	Short Essay	Level 4	Analyze
19	Evaluate the importance of early mobilization after fracture fixation.	Long Essay	Level 5	Evaluate
20	Justify the role of physiotherapy in prevention of fracture complications.	Long Essay	Level 5	Evaluate
21	Critically appraise the factors influencing bone remodeling according to Wolff's Law.	Long Essay	Level 5	Evaluate
22	Design a physiotherapy rehabilitation	Long	Level 6	Create

S.No	Question	Question Type	Bloom's Level	Cognitive Domain
	protocol for a patient following lower limb fracture.	Essay		
23	Develop an orthopaedic assessment format for musculoskeletal injuries.	Long Essay	Level 6	Create
24	Formulate a patient education program for fracture prevention in elderly individuals.	Long Essay	Level 6	Create