

**THE APOLLO UNIVERSITY**  
**Saketa, Chittoor, AP**  
**AHS- IV Semester End Examination, June -2024**  
**Paper-I- PAST 3501 - ORTHOPAEDICS**

**Time: 3 hours**

**Max. Marks: 60**

**Section –A (10x2=20 marks)**

**Answer all Questions**

1. Mention the constitution of bone and types of bones.
2. What are the clinical tests done to identify the ulnar nerve injury?
3. What is primary hyperparathyroidism?
4. Write the treatment of osteoporosis?
5. What is the anatomy of clavicular bone?
6. What is mallet finger?
7. What is jersey finger and Shenton's line?
8. What is Bumper fracture and Runner's fracture?
9. How do you treat Unicameral bone cyst?
10. Write the types of Osteosarcomas?

**Section –B (5X8=40 marks)**

**Answer all Questions either A or B in 400 words each**

11. A) Define fracture, classification of fracture. Write the steps of fracture healing and management of fracture?

**OR**

B) Mention the motor and sensory supply of radial nerve and its functions. How are you going to confirm the radial nerve injury and how do you treat the patient?

12. A) Describe the normal Physiology of bone. Explain primary and secondary hyperparathyroidism?

**OR**

B) What is the causative factors, Pathogenesis, stages, diagnosis and treatment of Paget's disease?

**Cont....**

13. A) What are the stabilizers of shoulder joint. What are the types, clinical presentation, x-ray findings and treatment of anterior shoulder dislocation?

**OR**

B) A 50 years old female came to the OPD with Dinner fork deformity on left hand, with a history of fall. What is your diagnosis and how are you going to manage the patient and what are the complications?

14. A) Mention the anatomy of pelvis and describe Shenton's line. Mention the types of pelvic fractures and its management.

**OR**

B) Describe the anatomy of femur. Write classification, complications, management of shaft of femur?

15. A) What is the classification of bone tumours? Describe the bone cyst in detail?

**OR**

B) Define sequestrum and describe the Pathophysiology, clinical presentation, diagnosis, management of chronic Osteomyelitis?

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