

# Rajiv Gandhi University of Health Sciences, Karnataka

## Fellowship Examination – 17-Feb-2023

**Time: Three Hours****Max. Marks: 100 Marks**

### **ORTHOPAEDIC ONCOLOGY - PAPER – II**

#### **QP Code: 4284**

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

**Answer All The Questions****10 X 10 = 100 Marks**

1. Classify bone tumours. Add a note on extra-corporeal radiation for bone tumours.
2. Contraindications for limb salvage in a patient with distal tibia osteosarcoma.
3. Surgical options for a 42 year old with grade 3 Chondrosarcoma of proximal humerus, extending about 15cms from the shoulder joint.
4. Pre-operative embolization in musculoskeletal oncology.
5. Discuss the clinical presentation, diagnostic features and management of Low-grade central osteosarcoma. Write a brief note on its genetic signature.
6. Clear cell sarcoma of soft tissue.
7. Imaging features of Osteosarcoma with differentials. Add a note on response assessment to chemotherapy on imaging.
8. 3D printed cutting guides in Orthopaedic Oncology.
9. A patient is planned for pedicle freezing of proximal tibia for a primary malignant bone tumour. Enumerate important technical points of perform pedicle freezing (on-table and off-table).
10. Anterior robotic/laparoscopic dissection for sarcoma of pelvis and sacrum. Indications, technical points, complications and contra-indications.

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