

# Rajiv Gandhi University of Health Sciences, Karnataka

## Fellowship Examination – 17-Feb-2025

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

### **ORTHOPAEDIC ONCOLOGY - PAPER – I**

#### **QP Code: 4283**

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. A 30 year old male with distal femur recurrent GCT has been posted for extended curettage, cementing and plating. Describe the surgical steps of the procedure with emphasis on 'adjuvants' to be used during curettage.
2. A child is suspected to have osteosarcoma of the proximal tibia. Mention how you will plan for biopsy. Describe key principles, prerequisites and important steps of core needle biopsy in bone tumour.
3. 28 year old mechanic with history of multiple Osteochondromas presented to outpatient department with sudden increase in pain and size of a preexisting swelling over the distal forearm. How will you evaluate and management this patient. Emphasize on advice to the patient with regards to possibility of similar complaints in other parts of the body.
4. Importance of multidisciplinary tumour board in cancer management.
5. Common government schemes for cancer. Importance and drawbacks.
6. Differential diagnosis of histiocytic lesions of bone.
7. Describe five important points for successful publications of a case report.
8. Name five international centers of excellence for orthopaedic oncology, with their important break-through scientific contribution to the field. Mention importance of attending and presenting your work/experience in international conferences.
9. What is pre-habilitation? Mention its importance. Add a note on rehabilitation and beside care of paraplegics.
10. A 16 year old patient with Chondroblastic osteosarcoma of pelvis underwent neo-adjuvant MAP chemotherapy and tumour excision. The post-up HPE sample shows poor necrosis. Describe how Genomics will help in management of this patient. Add a note on counselling the patient/attenders for Genomics study.

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