

Rajiv Gandhi University of Health Sciences, Karnataka

Fellowship Examination – 16-Feb-2023

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. Tenosynovial Giant Cell Tumour (TGCT): types, pathophysiology, recent advances in non-surgical management. Treatment options for a 32-year old with recurrent TGCT of knee.
2. 56-year old with history of radiation and surgery for sacral chordoma presents to you with a 30x20cms non healing wound over the sacrum. How will you manage the wound? Explain all treatment options with emphasis on Negative pressure wound therapy and systemic management for wound healing.
3. Fibrous dysplasia of bone. Radiological features, indications for surgery and a brief note on principles of surgical management.
4. What is Hierarchy or Level of evidence in research? Add a note on systematic review and meta-analysis.
5. Bone grafts and substitutes in orthopaedic oncology.
6. Antibiotic prophylaxis in megaprosthesis reconstruction surgery.
7. Classify cartilaginous tumours of bone. Add a note on medical management of Chondrosarcoma.
8. Carbon fibre implants in Orthopaedic oncology.
9. If you were given a chance to draft a 'National Sarcoma Policy', mention salient points you would like to include with rationale.
10. Biomechanics of vascularized fibula in lower limb reconstruction.

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