

# Rajiv Gandhi University of Health Sciences, Karnataka

## Fellowship Examination – 18-Feb-2025

**[Time: 3 Hours]****[Max. Marks: 100]**

### **ARTHROPLASTY - PAPER – II**

**QP Code: 4321**

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. Anatomy of the hip joint and its nerve supply and biomechanics of normal hip joint
2. Anatomy of rotator cuff of shoulder joint and indications, contraindications and biomechanics of reverse shoulder arthroplasty
3. Total knee arthroplasty in valgus knee
4. Describe indications of total ankle arthroplasty and second generation prosthetic designs in ankle arthroplasty
5. Total hip arthroplasty in dysplastic hip principles and techniques
6. Describe the pathogenesis and classification of AVN of hip
7. What are the indications for uni-compartmental knee arthroplasty? Enumerate the advantages and disadvantages of uni-compartmental knee arthroplasty. Enlist the important complications of uni compartmental knee arthroplasty
8. Describe the implant designs in cementless total hip arthroplasty
9. Discuss a) Insall Bunstien II posterior stabilized condylar knee prosthesis  
b) Meniscal bearing total knee arthroplasty
10. Use of tourniquet in total knee arthroplasty

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