

Rajiv Gandhi University of Health Sciences, Karnataka

Fellowship Examination – 22-Aug-2024

[Time: 3 Hours]**[Max. Marks: 100]****ARTHROPLASTY - PAPER – I****QP Code: 4320**

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. Describe the pre-operative and post-operative radiographic assessment of knee in total knee arthroplasty
2. Discuss the indications, advantages and disadvantages of PCL, retaining vs PCL substituting total knee arthroplasty
3. Describe the techniques to establish the correct biomechanics of knee in fixed varus deformity
4. Discuss a) Insall bunnstien II posterior stabilized condylar knee prosthesis
b) Meniscal bearing total knee arthroplasty
5. Describe cementing techniques in total knee arthroplasty and advantages of cementless prosthesis in total knee arthroplasty
6. Describe the intraoperative methods to establish the rotational alignment of femoral component in total knee arthroplasty
7. Principles of management of infected total knee arthroplasty
8. Current concepts in robotic total hip arthroplasty
9. Describe a) Classical medial parapatellar approach in TKR
b) Insall's modification to medial parapatellar approach
10. Discuss the advantages and current role of modular stems in primary total hip arthroplasty

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