

ORTHOPAEDICS
PAPER-IV

Please read carefully the important instructions mentioned on Page '1'

- Answers to questions of Part A and part B are to be strictly attempted in separate answer sheets and the main + supplementary answer sheets used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheets of Part B or vice versa shall not be evaluated.

PART B

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| 6. Define and enumerate the bearing surfaces in hip arthroplasty. Describe each types with their pros and cons. | 4+6 |
| 7. Enumerate the bone graft substitutes and describe in brief the advantages and disadvantages of each type. | 2+8 |
| 8. Define the evidence based Orthopaedics and how it can be applied in clinical practice. List the hierarchy of evidence (various types of studies). | 4+6 |
| 9. What is spontaneous osteonecrosis of the knee (SPONK)? Describe the clinical features and principles of treatment. | 2+(4+4) |
| 10. Describe the current concepts of the mechanism of osteolysis after arthroplasty. What is the role of bone grafting in such patients without performing a revision arthroplasty? | 5+5 |
