

QP Code:104154

Reg. No.:.....

**PG Degree Supplementary Examinations in Orthopaedics (MS)
November 2021**

Paper IV - Recent Advances in Orthopaedics and Traumatology

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. Discuss the management of painful total knee replacement. What are the issues involved in revision knee. What are the recent developments in total knee replacement.

Short Essays:

(8x10=80)

2. Stem cells in orthopaedics
3. Safe surgical dislocation of hip
4. Continuous passive motion (CPM)
5. Causes for aseptic loosening in arthroplasty and discuss about how to reduce it
6. Bone graft substitutes
7. Gait lab
8. Myo-electric arm
9. Radio frequency ablation
