

QP Code:104154

Reg. No.:.....

**PG Degree Supplementary Examinations in Orthopaedics (MS)
April 2026**

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. Classify fracture tibial condyle with columnar theory and discuss its complications and management in detail.

Short Essays: (8x10=80)

2. Ceramics in orthopaedics.
3. Femoral Neck System (FNS).
4. Robotics in orthopaedics.
5. Recent advances in medication of osteosarcoma.
6. Post COVID AVN of femur head.
7. Ankle arthroplasty.
8. Tissue engineering in orthopaedics.
9. Intervertebral disc replacement.
