

QP Code:104154

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Orthopaedics
(MS) July 2023**

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. Navigation assisted orthopaedic surgery. Add note on artificial intelligence and its future in orthopaedic surgery.

Short Essays:

(8x10=80)

2. 3D Printing in orthopaedics.
3. Dual mobility Total Hip Replacement.
4. Local antibiotic drug delivery systems in chronic osteomyelitis.
5. Osteogenesis Imperfecta-Recent trends in management.
6. Autologous chondrocyte transplantation.
7. Platelet Rich Plasma and its use in orthopaedics.
8. Bone bank.
9. Anterolateral plating in distal tibia.
