

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA– 506 002**

M.D/ M.S DEGREE EXAMINATIONS: OCTOBER 2025

**ORTHOPAEDICS
PAPER – IV**

Time: 3 Hours

Max Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Write an essay on the following:

10 X 10 = 100

1. Open Magnetic Resonance Imaging.
2. Cervical disc replacement.
3. Stem cells in spinal cord injury.
4. 3D printing in Orthopaedics.
5. Autologous Chondrocyte transplantation.
6. Gene therapy in fracture healing.
7. Direct Vertebral rotation.
8. Biodegradable implants.
9. Ganga scoring system of open fractures.
10. Motor evoked potentials in Spine surgery.
