

QP Code:101181

Reg. No.:.....

**P.G. Diploma regular/Supplementary Examinations in Orthopaedics
(D.Ortho) June 2020**

Paper I - Basic Sciences Applied to Orthopaedics & 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*

Essays:

(20)

1. Describe the blood supply of head of femur at different ages. How does safe surgical dislocation exploit this vascular pattern.

Short essays:

(8x10=80)

2. Bone substitutes.
3. Pathogenesis of renal osteodystrophy.
4. Prophylaxis of deep vein thrombosis.
5. Anatomy of the anterior cruciate ligament.
6. Levels of evidence in clinical research.
7. Hueter approach to the hip.
8. Techniques of tendon repair.
9. Metal hypersensitivity.
