

QP Code:101181

Reg. No.:.....

**P.G. Diploma Supplementary Examinations in Orthopaedics (D.Ortho)  
November 2021**

**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 metabolism of Vitamin -D and role of parathormone in bone metabolism.  
Classify rickets and describe in detail about hypophosphatemic Rickets.

**Short essays:**

**(8x10=80)**

2. Denosumab
3. Enteropathic arthropathy
4. Gas gangrene
5. Respiratory distress syndrome
6. Functional cast bracing and recent development
7. Ultrasound in orthopaedics
8. Brachial plexus and Erbs palsy
9. Chordoma

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