

**QP Code: 101154**

**Reg. No.:.....**

**PG Degree Supplementary Examinations in Orthopaedics (MS)  
October 2019**

**Paper I - Basic Sciences Applied to Orthopaedics & Traumatology**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions*
- *Draw diagrams wherever necessary*

**Essay:**

**(20)**

1. Vitamin D metabolism. Clinical features and investigations in rickets

**Short Essays:**

**(8x10=80)**

2. Bone grafting
3. Prospective versus retrospective cohort studies
4. Pathophysiology and diagnosis of compartment syndrome
5. Ibandronic acid
6. Guidelines for prevention of surgical site infection
7. Rheumatoid factor
8. Iliofemoral ligament
9. Nerve conduction study

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