

**QP Code: 101154**

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

**PG Degree Examinations in Orthopaedics (MS) - May 2017**

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

**Time: 3 hrs**

**Max marks:100**

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

**Essays:**

**(20)**

1. Describe systemic response to trauma. Discuss classification and management of shock due to trauma

**Short Essays:**

**(8x10=80)**

2. Histopathology of osteosarcoma
3. Muscle spasticity and its medical management
4. Anatomical factors contributing to shoulder stability
5. Bisphosphonates
6. Informed consent for orthopaedic surgery
7. Bone mineralisation
8. Surgical site infection
9. Renal tubular acidosis

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