

**QP Code: 101154**

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

**PG Degree Supplementary Examinations in Orthopaedics (MS)  
January 2024**

**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*

**Essay:**

**(20)**

1. Describe the blood supply to femoral head in all age groups. Discuss the clinical implications in young child.

**Short Essays:**

**(8x10=80)**

2. Foot drop.
3. Teriparatide.
4. Vitamin D.
5. Quadriceps.
6. Anatomy of extensor compartment of wrist.
7. Masquelet technique.
8. Koch's postulates.
9. Cubitus valgus deformity.

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