

QP Code: 101154

Reg. No.:.....

**PG Degree Supplementary Examinations in Orthopaedics (MS)
December 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*

Essay:

(20)

1. What do you mean by ante-version of the femoral neck. How do you determine clinically and radiologically the degree of ante-version of the femoral neck. Discuss its importance in management of developmental dysplasia of the hip in a child aged 5 years.

Short Essays:

(8x10=80)

2. Autonomic bladder
3. Arches of the foot
4. Microscopic structure of articular cartilage
5. Second line drugs used rheumatoid arthritis and their mechanism of action
6. Pathology and differential diagnosis of frozen shoulder
7. Calcium balance in the body
8. Anatomy of the lumbar intervertebral disc
9. Normal gait cycle
