

QP Code:103181

Reg. No.:.....

**P.G. Diploma Supplementary Examinations in Orthopaedics (D.Ortho)  
December 2020**

**Paper III - Recent Advances in Orthopaedics and 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 the tribology of the total hip replacement and the effect of bearing surfaces in longevity of the hip replacement. Discuss the recent development in the ceramic bearing that have potential to impact survival of hip.

**Short essays:**

**(8x10=80)**

2. Newer classification of proximal tibial fractures.
3. Management of pre-collapse avascular necrosis femoral head.
4. Bisphosphonates in orthopaedics.
5. Periacetabular osteotomy.
6. Masquelet's technique.
7. Modified stoppa's approach for acetabular fractures.
8. Multi drug resistant tuberculosis.
9. Orthopaedic implant associated infection.

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