

**ORTHOPAEDICS**

PAPER – II

ORTHO/APRIL/16/27/II

Time : 3 hours

Max. Marks : 100

**Important instructions:**

- *Attempt all questions in order.*
- *Each question carries 10 marks.*
- *Read the question carefully and answer to the point neatly and legibly.*
- *Do not leave any blank pages between two answers.*
- *Indicate the question number correctly for the answer in the margin space.*
- *Answer all the parts of a single question together.*
- *Start the answer to a question on a fresh page or leave adequate space between two answers.*
- *Draw table/diagrams/flowcharts wherever appropriate.*

Write short notes on:

1. a) Epiphysiodesis. 5+5  
b) Callotasis.
2. Paget's disease: Clinical features, biochemical investigations and medical treatment. 3+3+4
3. a) Ankylosis and arthrodesis. 4+3+3  
b) Foot drop and equinus deformity  
c) Diplegia and double hemiplegia.
4. Types and principles of high tibial osteotomy for osteoarthritis. 10
5. a) Pyknodysostosis 5+5  
b) Codeman's tumor
6. Chemotherapy for osteosarcoma. 10
7. a) Metatarsus adductus. 5+5  
b) Congenital dislocation of patella.
8. a) What is Gower's sign? 2+8  
b) Clinical findings, investigations, pathology and treatment with prognosis of Duchenne's muscular dystrophy.
9. a) Rotation plasty. 5+5  
b) Sequelae of septic hip in an infant.
10. a) Describe with diagram the extensor expansion of finger. 4+6  
b) Pathological anatomy of Boutonniere and Swan-neck deformities in rheumatoid arthritis.

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