

**ORTHOPAEDICS**

PAPER – I

ORTHO/APRIL/16/27/I

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. Define Gait. What are its phases and enumerate various pathological gaits with their causes. 2+(3+5)
2. a) What are the attachments on greater trochanter? 4+6  
b) Indications and steps of safe surgical dislocation of hip.
3. a) What is Kanaval's sign? 3+7  
b) Management of suppurative flexor tenosynovitis of hand.
4. Types and principles of biopsy for musculoskeletal tumors. 10
5. a) Haemophilic cyst. 5+5  
b) Medical ethics in orthopaedics.
6. a) Precautions taken by surgical team during operation of HIV positive patient. 5+5  
b) Surgical site infection: prevention & treatment.
7. Principles of coverage of soft tissue defect and bone gap in tibia in mid-leg in a patient with feeble distal pulses. 10
8. a) Musculoskeletal manifestations of neurofibromatosis. 5+5  
b) Polyostotic fibrous dysplasia.
9. a) Osteitis fibrosa cystica. 5+5  
b) Spina ventosa.
10. a) Prevention and treatment of pressure sores and urinary tract infection in a paraplegic patient. 5+5  
b) Fat embolism syndrome.

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