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) What are the complications of amputation?
   b) How will you carry an amputated hand for re-implantation?  
   5+5

2. a) Giant cell tumor: its grading and treatment.
   b) Patellar tendon bearing cast.
   c) Shoes for congenital talipes equinovarus (CTEV).
   5+3+2

3. a) Congenital pseudarthrosis of the tibia.
    b) Plasmacytoma.
    c) Alkaline phosphatase.
   4+3+3

4. a) Triage of trauma patients.
    b) ATLS principles.
    c) Transplant of a patient with dorsolumbar unstable spinal fracture.
   3+4+3

5. Osteomyelitis:
   a) Types.
   b) Clinical features & complications.
   c) Treatment principles.
   2+6+2

6. a) Blood supply of head of femur.
    b) Treatment of fracture neck femur in patient with age more than 65 years.
    c) Complications of fracture neck of femur.
   3+3+4

    b) Myositis ossificans – Etiopathogenesis.
    c) Scurvy – Clinical features & radiological findings.
   4+3+3

P.T.O.
8. a) Difference between osteoarthrosis and rheumatoid arthritis.  
b) Etiopathogenesis and treatment principles of rheumatoid arthritis.  
3+(3+4)  

9. Prolapsed intervertebral disc:  
a) Types  
b) Clinical features  
c) Diagnosis and non-surgical treatment.  
2+3+5  

b) Clinical examination of anterior cruciate ligament tear.  
c) Treatment principles.  
4+3+3