

**RURAL SURGERY**  
**PAPER-IV**

RURAL/D/17/44/IV

Time: 3 hours  
Max. Marks: 100

- *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 question 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 seven year old child reports pain and swelling around the elbow following an episode of significant trauma. 2+3+5
  - a. Enumerate the common differential diagnosis.
  - b. How would you manage the child in the emergency?
  - c. How would you confirm your diagnosis and proceed with management if it's a fracture supracondylar humerus?
2. A twenty year old male patient presents with open fracture of the tibia. 5+5
  - a. Describe the primary management of the patient in the emergency.
  - b. Describe the principles of definitive management
3. A child at 1 month presents with bilateral CTEV. 5+3+2
  - a. How would you manage the child?
  - b. Describe the clinical finding and investigation you would order.
  - c. What complications do you anticipate?
4. A 25 year old female old patient presents with multiple joint pain. 4+2+4
  - a. Briefly describe the important history, examinations & investigation.
  - b. Enumerate the differential diagnosis.
  - c. Medical management of rheumatoid arthritis
5. A young male patient presents with fracture both femur and flail chest 5+5
  - a. How would you manage the patient in the emergency?
  - b. Briefly describe the definitive management of this patient.

6. a. Enumerate the common malignant bone tumours. 5+5  
b. Discuss the clinical presentation, clinical finding and management of osteosarcoma.
7. A 30 year old patient presents with inability to use the hand following an intramuscular injection in the upper limb. 2+6+2  
a. What is the most common differential diagnosis?  
b. How would manage the patient in the emergency?  
c. What is the long term prognosis for the patient?
8. A 70 year old female patient presents with pain around the hip following trivial fall. 2+4+4  
a. Enumerate the common differential diagnosis.  
b. How would you manage the patient acutely?  
c. What is the definitive management of the patient?
9. A 70 year old male patient presents with bilateral knee pain since 10 years. 2+4+4  
a. Enumerate the common differential diagnosis.  
b. Describe the medical management of osteoarthritis.  
c. Enumerate the various surgical options.
10. a. Enumerate the various tests for knee instability. 3+3+4  
b. How will you diagnose an ACL injury?  
c. Describe its management in acute setting.