

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.

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