

RURAL SURGERY

PAPER-IV

RURAL/D/18/44/IV

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) Define fracture of the bone. 2+3+5
b) Classify fractures on the basis of aetiology.
c) Enumerate causes of delay in fracture healing.
2. a) Draw the diagram of blood supply of a typical long bone. 3+3+4
b) Enumerate stages of fracture healing.
c) Describe emergency care of fracture
3. a) Tennis elbow. 3+3+2+2
b) Causes of Generalized osteoporosis
c) Fixed flexion deformity of hip joint.
d) Advantages of knee arthroscopy.
4. a) What are the objectives of splints? 2+4+4
b) Enumerate common splints and their uses.
c) Mention the objectives of traction in orthopedics.
5. a) Name the recent advances in the treatment of fractures. 3+3+4
b) Enumerate methods of dynamic compression.
c) How image intensifier is useful in fracture treatment?
6. a) Neurapraxia 3+4+3
b) Congenital talipes equino varus.
c) Bucket handle tear of medial meniscus
7. a) Ankle sprain 2+3+2+3
b) Brodie's abscess
c) Rifampicin in bone and joint affection
d) Carpal tunnel syndrome.

P.T.O.

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8. a) Osteochondroma 3+3+4
b) Serum electrophoresis
c) Intervertebral disc.
9. a) Complications of fracture of first lumbar vertebra 2+3+2+3
b) Define scoliosis. Mention types of scoliosis.
c) Morning stiffness
d) X-ray findings of osteoarthritis knee joint.
10. Enumerate causes of hemoperitoneum in a case of blunt trauma abdomen. Briefly discuss the diagnosis and management of a case of hemoperitoneum due to liver trauma presenting in shock. 4+6
