

**RURAL SURGERY**

PAPER – I

RURALSURG./APRIL/16/44/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. A 30 years old male presents in emergency in a state of shock. His airway and breathing are normal. 5+5
  - a) How will you conduct his cardiovascular resuscitation?
  - b) Monitoring modalities required for this patient.
2.
  - a) Pathophysiology of wound healing. 4+3+3
  - b) Enumerate factors influencing the healing of a wound.
  - c) What are the differences between tidy and untidy wounds?
3.
  - a) Enumerate different types of drains used in surgery. 3+(2+2)+3
  - b) What are the advantages and disadvantages of using abdominal drains?
  - c) Chest drain used for hemothorax.
4. A 30 years old male presents with a scrotal swelling of six months duration. On examination, there is 8X8 cm swelling involving right hemiscrotum. 3+3+4
  - a) Enumerate the differential diagnosis.
  - b) Give outlines of relevant investigations.
  - c) How will you treat the case if diagnosis is hydrocele?
5. A 70 years old female is planned for elective repair of paraumbilical hernia and she is suffering from COPD. 3+(2+2+3)
  - a) Enumerate likely perioperative complications in this case.
  - b) Give steps of preoperative, intraoperative and postoperative measures to prevent these complications.
6.
  - a) Give outlines of nutritional support to a malnourished patient of carcinoma esophagus planned for esophagectomy. 6+4
  - b) Enumerate complications of total parenteral nutrition.
7.
  - a) Enumerate causes of 'acute red eye'. 3+(3+4)
  - b) Clinical features and management of acute glaucoma.

**P.T.O.**

**RURAL SURGERY**

**PAPER – I**

8. a) Principles of computerized tomography & MRI. (3+3)+(2+2)  
b) What are the strength and weakness of computerized tomography?
9. A 50 years old female is suffering from lump in breast for last one year. 4+6  
a) How will you investigate her?  
b) Treatment modalities if the diagnosis comes out to be carcinoma breast.
- 10 a) What is 'glue ear'? 2+(3+5)  
b) Clinical features and management of glue ear.

\*\*\*\*\*