

FINAL EXAM
 DECEMBER 2015

NATIONAL BOARD OF EXAMINATIONS

RURAL SURGERY

PAPER – I

RURAL/D/15/44/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.

1.	a) Define 'Cyst and give its classification. b) Briefly describe the steps of 'fluctuations test' and 'transillumination test' in a 15x10cm sized hydrocele. c) Enumerate complication of hydrocele surgery.	(1+2)+(2+2)+3
2.	a) Principles of diathermy. b) Differences between monopolar and bipolar diathermy. c) Complications of diathermy use and measures to prevent them.	3 2 2+3
3.	a) Enumerate causes of benign breast disease in a 30 yrs old female. b) Diagnosis and management of mastalgia in such a patient.	3 3+4
4.	a) Classify surgical wounds. b) Enumerate the sources of nosocomial infection in a surgical wound. c) How will you manage an infected wound with purulent discharge following emergency laparotomy for perforation peritonitis?	3 3 4
5.	a) Classify and describe various types of surgical needles. b) Enumerate various absorbable suture materials and their tensile strength. c) Give characteristics of an ideal suture material.	3 2+2 3
6.	a) Define fistula and enumerate factors for non healing of a fistula. b) Diagnosis and management of a young male having low fistula- in- Ano.	1+2 3+4
		P.T.O.

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7. A 30 years old male sustained polytrauma following high speed motorbike accident. Briefly discuss the first aid required at the site of accident. On arrival at hospital, he is found to have acute airway obstruction. Give outlines of steps of his management.	4 6
8. a) Enumerate local anaesthetic agents and give their dosage. b) Steps of local anaesthesia for performing inguinal hernia surgery in an elderly male. c) What are the likely complications of local anaesthesia in such a patient and how will you manage them?	2 4 2+2
9. Enumerate radiological investigations indicated in an adult presenting with subacute intestinal obstruction of 3 months duration. Briefly describe the likely radiological findings in this case. What is the role of 'gastrograffin study' in such a case?	3+4+3
10 Enumerate causes of orbital swellings. What is 'malignant exophthalmos'? Briefly describe its clinical features, investigations and treatment.	2+2+(2+2+2)

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