

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.	4
	On arrival at hospital, he is found to have acute airway obstruction. Give outlines of steps of his management.	6
8.	a) Enumerate local anaesthetic agents and give their dosage.	2
	b) Steps of local anaesthesia for performing inguinal hernia surgery in an elderly male.	4
	c) What are the likely complications of local anaesthesia in such a patient and how will you manage them?	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)
