Rajiv Gandhi University of Health Sciences, Karnataka

M.S. Degree Examination – 02-Jan-2025

Time: 3 Hours **Max. Marks: 100**

GENERAL SURGERY
PAPER - I (RS-2/RS-3)
Q.P. CODE: 8281

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

Answer all the Questions **10 X 10 = 100 Marks**

1. Write briefly about phases of wound healing. How do you manage UNTIDY wounds?
2. Tetanus prophylaxis
3. Surgical site infection
4. Septic shock
5. Marjolin's ulcer
6. Local anaesthetics
7. Assessment and treatment of peripheral vascular disease
8. Metabolic response to surgical trauma
9. Facial burns
10. Tru-cut biopsy

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M.S. Degree Examination – 04-Jan-2025

Time: Three Hours Max. Marks: 100 Marks

GENERAL SURGERY
PAPER - II (RS-2/RS-3)
Q.P. CODE: 8282

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

Answer All The Questions **10 x 10 = 100 Marks**

1. Discuss the management of stage III thyroid malignancy in a patient of 45 years of age.
2. List the different types of neck dissections. Describe the operative steps of one of the types.
3. Discuss the management of cleft lip and cleft palate.
4. Explain the premalignant conditions of oral malignancy and describe the investigations used for diagnosing of oral malignancy.
5. Enumerate the surgeries done for benign and malignant diseases of parotid. Write down the complications of parotid surgery.
6. Describe the recent advances of thyroid surgery and enumerate ten complications of thyroidectomy.
7. Describe the clinical features and management of metastatic carcinoma of the breast.
8. Describe the role of radioactive iodine in thyroid diseases.
9. Describe the principles of oncoplastic surgery of the breast.
10. Explain congenital diaphragmatic hernia and its treatment.

Rajiv Gandhi University of Health Sciences, Karnataka

M.S. Degree Examination - 06-Jan-2025

[Time: 3 Hours] **[Max. Marks: 100]**

GENERAL SURGERY
PAPER - III (RS-2/RS-3)
Q.P. CODE: 8283

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

Answer All The Questions **10 X 10 = 100 Marks**

1. List the indications for splenectomy. Describe the complications of the procedure.
2. A 60 year old male reports to the ER with history of massive bleeding per rectum since a day with gross pallor. How will you manage the case?
3. Discuss the adenomatous polyposis coli under the heads – etiology/clinical features/ diagnosis and management of the patient and the relatives.
4. Discuss the use of GI stapling devices and treatment of Cholangiocarcinoma.
5. Classify choledochal cysts. Briefly describe the clinical presentation, diagnosis and management of choledochal cysts.
6. Discuss the etiopathology, clinical features, investigations and management of tropical chronic pancreatitis.
7. Discuss capsule endoscopy and single/double ballon enteroscopy.
8. What is short gut syndrome? How do you manage such patients?
9. Discuss the recent trends in the management of colorectal carcinoma.
10. Discuss the role of artificial feeding in surgical patients.

M.S. Degree Examination – 08-Jan-2025

Time: 3 Hours **Max. Marks: 100**

GENERAL SURGERY
PAPER - IV (RS-2/RS-3)
Q.P. CODE: 8284

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

Answer all the Questions **10 X 10 = 100 Marks**

1. Use of Narrow band imaging in diagnosis of GIT lesions.
2. Advances in optics & lights in laparoscopy.
3. Explain the role of sentinel lymph node biopsy in cancers.
4. Describe the management of malnutrition in surgical patients.
5. Discuss the role of 3D printing in surgical planning and patient-specific implants.
6. Describe the management of acute cellular rejection in liver transplantation.
7. Parathyroid localisation techniques.
8. Simulation based learning in surgery.
9. Discuss the surgical management of gastric cancer.
10. Discuss the role of surgical checklists in reducing surgical errors.

Rajiv Gandhi University of Health Sciences, Karnataka

M.S. Degree Examination – 26-May-2025

[Time: 3 Hours] **[Max. Marks: 100]**

GENERAL SURGERY
PAPER - I (RS-2/RS-3)
Q.P. CODE: 8281

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

Answer all the Questions **10 X 10 = 100 Marks**

1. Decubitus ulcer.
2. Write about fistulas and its types. add a note on management of entero-cutaneous fistula.
3. Plasma expanders.
4. Investigations in a case of chronic arterial insufficiency.
5. Preparing a patient for organ transplant.
6. Principles of immunotherapy.
7. Universal precautions in surgical health care.
8. Management of complications after spinal anaesthesia.
9. Flexible endoscopy-types and uses
10. Focused assessment with sonography in trauma.

M.S. Degree Examination – 28-May-2025

Time: Three Hours **Max. Marks: 100 Marks**

GENERAL SURGERY
PAPER - II (RS-2/RS-3)
Q.P. CODE: 8282

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

Answer All The Questions **10 x 10 = 100 Marks**

1. Classify benign conditions of thyroid gland and management of multinodular goiter.
2. Classify maxillo facial injuries. Describe the principles of their management.
3. Describe the steps of ilio inguinal block dissection.
4. Describe your approach to the management of penetrating trauma to the chest.
5. What are the pathogenesis, clinical presentation and treatment of acute subdural hematoma?
6. Enumerate benign breast diseases and its treatment.
7. Draw the diagram of arterial system of heart. What are the methods of myocardial revascularization procedures and the materials used?
8. Describe the anatomy of scalenus anterior muscles and describe its importance in thoracic outlet syndrome.
9. Describe the non operative management of carcinoma breast for post menopausal woman of LABC.
10. Describe the principles of management of cleft lip and palate and the secondary management following surgery.

Rajiv Gandhi University of Health Sciences, Karnataka

M.S. Degree Examination - 30-May-2025

[Time: 3 Hours] **[Max. Marks: 100]**

GENERAL SURGERY
PAPER - III (RS-2/RS-3)
Q.P. CODE: 8283

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

Answer All The Questions **10 X 10 = 100 Marks**

1. Discuss clinical features and management of Acute Pancreatitis.
2. Amoebic liver abscess.
3. Clinical features and management of anal fissure.
4. Imaging studies in hepato pancreato biliary system.
5. Discuss post splenectomy complications.
6. Enumerate esophageal motility disorders. Discuss management of achalasia cardia.
7. Discuss management of acute mesenteric arterial thrombosis.
8. Management of ventral hernia.
9. Mesenteric cyst.
10. Discuss etiopathogenesis and management of short bowel syndrome.

M.S. Degree Examination – 02-Jun-2025

Time: 3 Hours **Max. Marks: 100**

GENERAL SURGERY
PAPER - IV (RS-2/RS-3)
Q.P. CODE: 8284

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

Answer all the Questions **10 X 10 = 100 Marks**

1. Discuss the emerging role of advancements in treatment of prostate cancer.
2. Explain the different endovascular techniques in treatment of Varicose veins.
3. Describe the role of chemotherapy and targeted therapy in the management of advanced gastric cancer.
4. Explain the use of telemedicine in surgical consultations and remote monitoring.
5. Discuss the role of enhanced recovery after surgery (ERAS) protocols in improving patient outcomes.
6. Discuss the role of simulation-based training in surgical education.
7. Discuss the role of damage control surgery in the management of severely injured patients.
8. Describe the management of necrotizing soft tissue infections.
9. Describe the management of acute cellular rejection in liver transplantation.
10. Describe the use of artificial intelligence in surgical decision-making.

Rajiv Gandhi University of Health Sciences, Karnataka

M.S. Degree Examination – 24/Sep/2025

[Time: 3 Hours] **[Max. Marks: 100]**

GENERAL SURGERY
PAPER - I (RS-2/RS-3)
Q.P. CODE: 8281

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

Answer All The Questions **10 X 10 = 100 Marks**

1. Classify Haemorrhage and Discuss the management of Haemorrhagic shock.
2. Discuss the sterilization techniques for surgical instruments.
3. Cytokines
4. Paraneoplastic syndrome
5. Anti-coagulation in surgical practice
6. Factors affecting wound healing
7. Biopsy methods
8. Calcitonin
9. Types of regional anesthesia
10. Total parenteral nutrition

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M.S. Degree Examination – 26/Sep/2025

Time: 3 Hours **Max. Marks: 100**

GENERAL SURGERY
PAPER - II (RS-2/RS-3)
Q.P. CODE: 8282

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

Answer all the Questions **10 X 10 = 100 Marks**

1. Maxillofacial injuries
2. Sistrunk operation
3. ca tongue
4. Facial nerve injury
5. Thoracic outlet syndrome
6. Early breast cancer
7. Triple assessment
8. Well differentiated thyroid carcinoma
9. Pheochromocytoma
10. Flail chest

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Rajiv Gandhi University of Health Sciences, Karnataka

M.S. Degree Examination – 29/Sep/2025

Time: 3 Hours **Max. Marks: 100**

GENERAL SURGERY
PAPER - III
Q.P. CODE: 8283

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

Answer all the Questions **10 X 10 = 100 Marks**

1. Barrett's oesophagus
2. Post-gastrectomy complications
3. Bleeding oesophageal varices
4. Biliary tree injuries
5. Pancreatic necrosis
6. Splenectomy
7. Peutz-Jeghers syndrome
8. Obstructive carcinoma at rectosigmoid junction
9. Discuss laparoscopic anatomy in inguinal hernia repair
10. Management of rectal prolapse

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M.S. Degree Examination – 03/Oct/2025

Time: 3 Hours **Max. Marks: 100**

GENERAL SURGERY
PAPER - IV
Q.P. CODE: 8284

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

Answer all the Questions **10 X 10 = 100 Marks**

1. Discuss the surgical management of gastric cancer.
2. Describe Transanal minimally invasive surgery
3. Write briefly about Bypass Bariatric procedures and mechanism of action in metabolic part of it.
4. Explain the concept of negative pressure wound therapy and its application in wound care.
5. Write briefly about Endoscopic mucosal resection and submucosal dissection.
6. Lasers in surgery
7. Write briefly about Extracorporeal shock wave lithotripsy
8. Double contrast barium enema and its alternatives.
9. Advances of electrosurgical appliances.
10. Discuss the role of robotic surgery in complex surgical procedures.

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