

KLE ACADEMY OF HIGHER EDUCATION AND RESEARCH, BELAGAVI.
(Declared as Deemed-to-be-University u/s 3 of the UGC Act, 1956)

Accredited A+ Grade by NAAC (3rd Cycle)

Placed in 'A' Category by MHRD (GoI)

POST-GRADUATE DEGREE (M.S.) EXAMINATION – JANUARY 2024

Time: 3 Hours

Max. Marks: 100

GENERAL SURGERY

PAPER – I

(Basic Sciences)

Q.P. Code: 1261

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. Define criteria for labeling SIRS (Systemic inflammatory response syndrome). What are the causes, complications and treatment guidelines for management of SIRS.
2. How will you assess and manage a case of chronic venous ulcer on right leg of an adult patient? (10+10)

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Methods of perioperative acute pain management.
4. Classify the suture material. Give an account of absorbable suture material used in surgery.
5. Antibiotic prophylaxis in surgery.
6. Discuss etiology, clinical presentation and management of malignant melanoma.
7. Indications and limitations of PET scan in surgery.
8. Describe pathophysiology of scar formation. How will you manage a case of Pre-sternal keloid.

POST-GRADUATE DEGREE (M.S.) EXAMINATION – JANUARY 2024

Time: 3 Hours

Max. Marks: 100

**GENERAL SURGERY
PAPER – II**

Q.P. Code: 1262

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

9. Discuss clinical evaluation and management of post traumatic maxillofacial injuries.
10.
 - a) Surgical anatomy of parotid gland.
 - b) Principles of superficial parotidectomy.
 - c) Complications following superficial parotidectomy.

SHORT ESSAY QUESTIONS:

6 X 10 = 60

11. Preoperative and perioperative care in patients of Pheochromocytoma undergoing surgery.
12. Surgical anatomy of the breast.
13.
 - a) Pathophysiology and investigations of solitary thyroid nodule (STN).
 - b) Rationale of survey for STN.
14.
 - a) Enumerate the types of Neck node Dissections.
 - b) Management of chylus fistula following radical neck dissection.
15. Role of hormonal therapy in carcinoma breast.
16. Update on myocardial revascularization.

POST-GRADUATE DEGREE (M.S.) EXAMINATION – JANUARY 2024

Time: 3 Hours

Max. Marks: 100

**GENERAL SURGERY
PAPER – III**

Q.P. Code: 1263

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

9. Clinical features, investigations and management of surgical jaundice.
10. Regarding morbid obesity :
 - a) Indications and types of weight loss surgical procedures.
 - b) Complications of such procedures.

SHORT ESSAY QUESTIONS:

6 X 10 = 60

11. Pathology, diagnosis and management of Gastrointestinal Stomal Tumor (GIST).
12. Principles of Lapanoscopic surgery.
13. a) What is Hyperthermic Intraperitoneal Chemotherapy (HIPEC)?
 - b) Indications for HIPEC.
 - c) Complications of HIPEC.
14. Clinical features and management of obstructed inguinal Hernia.
15. Management of high fistula-in-Ano.
16. a) Role of intervention in a case of 'Portal Hypertension'.
 - b) Shunt procedures for treatment of 'Portal Hypertension'.

POST-GRADUATE DEGREE (M.S.) EXAMINATION – JANUARY 2024

Time: 3 Hours

Max. Marks: 100

**GENERAL SURGERY
PAPER – IV**

Q.P. Code: 1264

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

9. Describe the types, clinical features and management of nerve injury.
10. Describe the pathophysiology and management of Hydronephrosis.

SHORT ESSAY QUESTIONS:

6 X 10 = 60

11. Clinical features and management of extradural hematoma.
12. a) Premalignant conditions for penile cancer.
b) Management of 1 cm squamous cell carcinoma of glans penis extending to distal shaft.
13. Clinical features, complications and management of undescended testis.
14. Discuss the various methods of endoscopic treatment of benign prostatic enlargement.
15. Types, causes and principles of treatment of neurogenic bladder.
16. What are the indications and principles of amputation of a limb.
