

Aug-2026

**BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION**

[Time: 3 Hours]

[Max. Marks: 100]

**MS GENERAL SURGERY – PAPER - I
QP CODE: 5045**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in the middle of the page.

2x20=40 Marks

Long Essay

1. Discuss nutritional assessment, enteral and parenteral nutrition, indications, complications and nutritional support in surgical patients.
2. A polytrauma patient receives massive blood transfusion during emergency surgery.

Discuss:

- Physiology of blood components
- Indications for transfusion
- Massive transfusion protocol
- Complications of blood transfusion
- Critical care considerations

6x10=60 Marks

Short Essay

3. A postoperative patient develops fever, tachycardia and wound discharge on day 5.
Discuss diagnosis and management of surgical wound infection
4. A patient with chronic smoking history presents with intermittent claudication.
Discuss arterial anatomy, pathophysiology and principles of management.
5. Write a short note on principles of radiotherapy, and its indications.
6. Discuss scars, keloids and hypertrophic scars
7. Describe day care surgery: indications, advantages and limitations
8. Discuss surgical audit and ethical principles in surgical practice.

19/08

BLDE (DEEMED TO BE UNIVERSITY) POST GRADUATE DEGREE EXAMINATION

[Time: 3 Hours]

[Max. Marks: 100]

MS GENERAL SURGERY-PAPER-II QP CODE: 5046

Your answer should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
Each answer should be written on new page only
Write Question No. in the middle of the page.

Long Essay

2x20=40 Marks

1. A 55-year-old chronic smoker presents with ulceroproliferative growth involving the lateral border of tongue with cervical lymphadenopathy. Discuss:
 - Surgical anatomy of oral cavity and tongue
 - Etiopathogenesis of oral cancer
 - Staging and spread
 - Principles of management
2. A 35-year-old male presents with paraplegia following a fall from height. MRI reveals thoracolumbar spinal injury. Discuss:
 - Anatomy of vertebral column and spinal cord
 - Mechanism of spinal cord injury
 - Neurological assessment
 - Principles of management and rehabilitation

Short Essay

6x10=60 Marks

3. A patient presents with hypercalcemia and renal stones. Investigations suggest primary hyperparathyroidism. Discuss, approach and management of this patient.
4. Discuss anatomy and physiology of parathyroid glands.
5. A 45-year-old woman presents with a painless swelling in the parotid region. Discuss anatomy of parotid gland and facial nerve.
6. Sentinel lymph node biopsy
7. Benign and malignant bone tumors-classification and pathology.
8. Anatomy and surgical importance of the neck triangles.

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[Time: 3 Hours]

[Max. Marks: 100]

MS GENERAL SURGERY-PAPER-III QP CODE: 5047

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only

Write Question No. in the middle of the page.

Long Essay

2x20=40 Marks

1. A 62-year-old male presents with progressive jaundice, pruritus and weight loss. CT scan reveals carcinoma head of pancreas.
 - Surgical anatomy of pancreas
 - Relations of head of pancreas
 - Pathophysiology of obstructive jaundice
 - Tumor spread and staging
 - Principles of surgical treatment
2. A 30-year-old male presents with severe abdominal pain following blunt abdominal trauma CT reveals splenic rupture. Discuss:
 - Surgical anatomy of spleen
 - Blood supply and ligamentous attachments
 - Grading of splenic injury
 - Role of spleen in immunity
 - Principles of management

Short Essay

6x10=60 Marks

3. A 50-year old male presents with abdominal distension and ascites due to chronic liver disease. Discuss portal circulation and its management.
4. A patient presents with strangulated femoral hernia. Discuss anatomy of femoral canal and femoral hernia along its management.
5. A patient develops adhesive intestinal obstruction after laparotomy. Discuss anatomy and functions of peritoneum and mechanisms of adhesion formation. Along with its management.
6. Applied anatomy of appendix and ileocecal region. Discuss management of appendicular mass.
7. Coagulated anomalies of umbilicus and anterior abdominal wall.
8. Laparoscopic cholecystectomy: anatomical basis and complications.

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POST GRADUATE DEGREE EXAMINATION

[Time: 3 Hours]

[Max. Marks: 100]

MS GENERAL SURGERY-PAPER - IV
QP CODE: 5048

Your answer should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
Each answer should be written on new page only.
Write Question No. in the middle of the page.

Long Essay

2x20=40 Marks

1. A 65-year-old male presents with frequency, nocturia, hesitancy and poor urinary stream. Digital rectal examination reveals an enlarged prostate. Discuss:
 - Surgical anatomy of prostate gland
 - Pathophysiology of bladder outlet obstruction
 - Investigations for lower urinary tract symptoms
 - Principles of management

2. A 40-year-old male presents with severe flank pain radiating to the groin and hematuria. Imaging reveals upper ureteric calculus causing hydronephrosis. Discuss:
 - Surgical anatomy of kidney and ureter
 - Pathogenesis of urinary calculi
 - Investigations
 - Principles of management

Short Essay

6x10=60 Marks

3. Percutaneous nephrolithotomy (PCNL).
4. A newborn presents with swelling in the inguinoscrotal region diagnosed as congenital hydrocele. Discuss embryology of testis descent and processus vaginalis and its management.
5. Robotic surgery.
6. Anuria-causes, investigations and management.
7. Anatomy and applied importance of urethra.
8. Indocyanine green (ICG) fluorescence guided surgery.