

GENERAL SURGERY AND ORTHOPEDICS PAPER 1

OCTOBER 2002

PAPER I

(Duration :3 hours) (Total Marks : 60)

SECTION-B - (SURGERY)

2. Attempt any three out of five)

(3x4=12)

- a) Enumerate the high risk factors of oral cancers. Name two common premalignant conditions.(3)
- b) How will you diagnose extradural haematoma? Give clinical features and investigations.
- c) Describe Brodie - Trendelenberg test for varicose veins. State its inference.
- d) Describe methods for screening for breast cancer
- e) Describe different types of haemorrhage.

3. a) What is goiter?

Describe pathogenesis, clinical features, investigations and complications in a case of

multinodular goitre (non toxic)(8)

b) Describe risk factors for a surgical wound infection.

Describe various methods and procedures to minimize wound sepsis in a surgical

wound. (8)

SECTION-C - (ORTHOPAEDICS)

4. Attempt any four out of six questions :(4x3=12)

- a) What is non union? Describe its types and management.
- b) Define Colles' fracture. Enumerate various injuries occurring due to fall on outstretched hand.

c) What is Giant cell tumour of bone? Enumerate its types and indicate the methods of treatment.

d) Define Osteomyelitis. Enumerate its types and clinical features of Acute Osteomyelitis.

e) Classify Pott's Fracture.

f) Indications and types of Amputation.

5. Describe pathology, clinic-radiological features and management of tuberculosis spine at Dorso-lumbar junction.

(2+3+3=8)

May 2003

PAPER-1

Duration: 3 Hours.

[Total marks:

60]

SECTION - B :

2. Attempt any three questions out of five

a) Enumerate causes of blood stained discharge from the nipple. How will you investigate such a case?

b) Describe management of secondary thyrotoxicosis

c) Describe various routes of spread of a malignant tumour.

d) What is Glasgow Coma Scale? State its clinical significance.

e) Describe pathogenesis and treatment of cystic hygroma of the neck.

3.a) Define and classify shock. Enumerate various factors leading to shock in 60% burns. Outline the management of 60% burns in a 50 kg adult female upto 1 week.

b) Enumerate causes of leg ulcer. Describe treatment of a varicose ulcer

SECTION - C : (ORTHOPAEDICS)

4. Attempt any four questions:

a) Clinic - radiological features of Tuberculosis Spines.

- b) Types of nonunion and its management.
- c) Principles of treatment of Fracture neck femur.
- b) Differentiation between benign and malignant bone tumours.
- e) Differentiation between osteoarthritis and rheumatoid arthritis.
- f) Clinico-radiological features of Chronic Osteomyelitis.

5. Describe mechanism of injury, clinical Feature and management of Supracondylar fracture humerus in children. (8)

Oct 2003

PAPER-1

(Total Duration: 3 Hours)

[Marks: 45]

SECTION- B:

2. Write any three out of five: (3x3=9)

- a) Describe complication of blood transfusion.
- b) Enumerate clinical tests for varicose veins. State their clinical interpretation.
- c) Describe indications and complications of tracheostomy.
- d) Describe objectives and principles of cancer screening program.
- e) Enteral nutrition.

3. a) Describe the parameters of emergency assessment of a patient with polytrauma. Outline the principles of initial management of severe head injury. (8)

b) Give differential diagnosis of 4 cm lump in upper and outer quadrant of breast in a 55 years old female. Outline the management of a patient with stage II breast cancer. (8)

SECTION-C :

4. Describe mechanism of injury, clinic-radiological features and management of posterior dislocation of Hip. (2+3+3=8)

5. Attempt any four of the following questions. (4x3=12)

- a) Features and management of Volkman's ischaemia.

- b) Clinical features and treatment of Rickets.
- c) Post traumatic ossification-diagnosis and management.
- d) Features management and complications of osteochondroma.
- e) Thomas's test of Hip
- f) Radial nerve injury

June July 2004

PAPER-1

(Duration : 3 Hours)

[Total Marks : 45]

SECTION - B

2. Attempt any three of five : (3x3=9)

- a) Enumerate the factors affecting wound healing
- b) Sequelae of tuberculous lymphadenitis.
- c) Carcinoma in situ .
- d) Thyroid storm
- e) Hormonal therapy in carcinoma breast .

3. Answer the following : (2x8=16)

- a) What are indication of blood transfusion ? What are complications of blood transfusion? Give list of blood substitutes.
- b) Write the classification of thyroid malignancies . Write the clinical features and management of papillary carcinoma of thyroid.

SECTION -C : (ORTHOPAEDICS)

4. Attempt any four questions: (4x3=12)

- a) Ganglion.
- b) Write principles of management of Traumatic paraplegia.
- c) Enumerate commonly used splints and traction in orthopaedics.

d) Management of club foot.

e) Treatment of Rheumatoid arthritis of hand.

f) Nutritional Rickets.

5. Enumerate different fractures of lower end of radius. Define Colles' fracture. Discuss clinical features, management and complications of Colles' fracture.

Oct Nov 2004

PAPER -1

(Total Duration : 3Hours) [marks ; 45]

SECTION -B:

2 . Attempt any three of five : (3x3= 9)

a) Difference between Keloid and Hypertrophic scar.

b) Inflammatory carcinoma of breast

c) Extradural Haematoma -Clinical features

d) Investigation in Solitary thyroid nodule.

e) Complications of blood transfusion .

3. Answer the following : (2x8=16)

a) Describe surgical anatomy of breast .

Describe clinical features and management of carcinoma breast stage II.

b) Define shock . Discuss clinical features and management of Hypovolaemic shock.

SECTION -C: (OPHTHOAEDICS)

4. Attempt any four question : (4x3=12)

a) Write clinical signs of Acute anterior dislocation of shoulder.

b) Stages of Poliomyelitis .

c) Process of Healing of fracture.

d) Enumerate complication of Colles' fracture.

e) Tennis Elbow .

f)Clinico-radiological features of osteo-arthritis knee.

5. Describe action –pathogenesis clinical features investigations and treatment of Acute osteomyelitis.

NOV/DEC. 2006

PAPER-I

Time:3 hours.

Marks:45

SECTION-B:(SURGERY)

2.Attempt any three out of five

- a)Hamartoma
- b)Dermoid Cyst
- c)Malignant Melanoma
- d)Carbuncle
- e) Lipoma

3.Answer the following :

- a)Define and classify shock. Describe management of Hypovolemic shock.
- b)Describe aetiology,pathology and treatment of Gas Gangrene.

SECTION -C:(ORTHOPAEDICS)

4.Attempt any four out of six:

- a) Describe non-union and its management.
- b)Describe management of Rickets.
- c)Giant cell tumour.
- d)Arthroscopy in knee.
- e)Management of paraplegics in #spine.
- f)Stages of tuberculosis of hip joint.

5. Describe aetio-pathogenesis, clinical features, investigations and treatment of osteoarthritis of knee joint.

May June 2007

PAPER-I

SECTION-B:(SURGERY)

2. Attempt any three out of five.

- a) Management of locally advanced carcinoma breast.
- b) Types of haemorrhage and treatment of haemorrhagic shock.
- c) Postoperative complications of thyroidectomy.
- d) Management of cold abscess in Neck.
- e) Causes of gangrene and difference between dry and wet gangrene.

3. Answer the following :

- a) Describe clinical Features, investigations and management of Head injury patient.
- b) Describe types and pathophysiology of burns. How you will manage a patient of 40% burns?

SECTION-C:(ORTHOPAEDICS)

4. Write short answer (any four) out of six:

- a) Describe mechanism of injury and displacement in Smith's fracture at wrist.
- b) Describe the X-ray picture of Rickets.
- c) Describe Ortolani's test for C.D.H.
- d) What is Pott's paraplegia of late onset?
- e) What is Tunnel sign?
- f) What is Mallet finger?

5. Long answer question.

- a) What are types of supracondylar fracture of humerus?

b) Discuss treatment of supracondylar fracture of humerus.

c) Describe immediate complication of supracondylar fracture of humerus.

Nov Dec 2007

PAPER-I

SECTION-B

2. Write short answers: (any three out of five)

a) Blood transfusion.

b) Dry gangrene.

c) Cervical rib.

d) Pleomorphic Adenoma.

e) Management of deep venous thrombosis.

3. Write long answers:

a) Describe the pathophysiology of burns. Discuss management of 15% deep burns in 35 year old male.

b) What is operable breast cancer? Give management of T2N1M0 breast cancer.

SECTION-C : (ORTHOPAEDICS)

4. Attempt any four out of six :

a) Define Monteggia fracture dislocation. Give clinical features and mode of injury.

b) Describe clinical feature, investigations and principles of treatment of pyogenic infection of knee joint.

c) Describe uses, (indications) and contraindications of skin fraction.

d) Define frozen shoulder. Enumerate clinical features and principles of treatment.

e) Define Neuropraxia. Enumerate causes and principles of treatment.

f) Enumerate clinico-radiological features of treatment of Osteochondroma.

5. Define acute osteomyelitis. Give its etiopathology. Enumerate clinical features. Give outline of treatment.

May June 2008

PAPER-I

SECTION-B : (GENERAL SURGERY)

2. Write short answers (any three) out of five.

- a) Gynaecomastia.
- b) Clinical features of hyperparathyroidism.
- c) Clinical features of deep vein thrombosis.
- d) Enumerate diagnostic signs of # of base of skull.
- e) Lipoma.

3. Answer the following :

- a) Define gangrene. What are the types of gangrene?

Write clinical features and management of thrombo angitis obliterance (TAO)

- b) Describe aetiology, clinical features, investigations and management of Grave's Disease.

SECTION-C : (ORTHOPAEDICS)

4. Write short answers (any four) out of six.

- a) Ankle sprain
- b) Complication of Fracture pelvis.
- c) Neuropraxia.
- d) Osteochondroma.
- e) Conservative treatment of CTEV.
- f) Plantar fasciitis.

5 . Describe mechanism of injury, clinico-radiological Features and conservative management of supracondylar fracture humerus in a child.

Nov Dec 2008

PAPER - I

(Total duration : 3 hours)

(marks : 45)

SECTION-B:

2. Write short answers (three out of five):

(3x3=9)

- a) Describe surgical anatomy of thyroid gland and give management of thyroglossal cyst and fistula.
- b) Describe various routes of spread of Ca breast.
- c) Enumerate differences between hypertrophic scar and keloid.
- d) Enumerate indications of tracheostomy.
- e) How will you diagnose extradural haematoma? Give clinical features and investigations done for the same.

3. Write long answers :

(2x8=16)

- a) What are the indications of blood transfusion? Enumerate complications of blood transfusion and give list of blood components used.
- b) Describe pathophysiology of burn injury. Discuss early management of 60% burns in 50 kg and adult male.

SECTION - C : (ORTHOPAEDICS)

4. Attempt any four out of six :

(4x3=12)

- a) Types , treatment and complications of acute shoulder dislocation.
- b) Definition , clinical features , principles of treatment of acute compartment compression syndrome of forearm.
- c) Definition , complications of Colle's fracture.
- d) Common sites , radiological features , treatment of giant cell tumor of bone.
- e) Definition , causes , treatment of tennis elbow.

f) Clinical features , diagnosis , treatment of Sudeck's osteodystrophy at wrist and hand.

5. Define fracture, describe one fracture classification , stages of fracture healing and factors affecting bone fracture healing. (1+1+3+3=8)

May June 2009

PAPER-I

**(Total duration : 3hours)
(marks ; 45)**

SECTION - B

2. Write short answers (any three out of five) :
(3x3=9)

- a) Cystosarcoma phylloids- clinical features and management.
- b) Thyroglossal cyst.
- c) Marjolin's ulcer.
- d) Hypokalaemia.
- e) Gas gangrene clinical features.

3. Answer the following :
(2x8=16)

- a) Describe pre-cancerous conditions of carcinoma of oral cavity. Discuss clinical features and management of Ca of ant 2/3 tongue.
- b) Discuss aetiology surgical anatomy clinical features and management of varicose veins of lower limb.

SECTION - C (ORTHOPAEDICS)

4. Write short answers (any four out of six)
(4x3=12)

- a) Complications of Colle's fracture.
- b) Clinical picture and management of G.C.T upper end of tibia.
- c) Clinical diagnosis and management of Volkman's ischaemia.

d)Fat embolism.

e)Distraction osteogenesis.

f)Primary management in open fracture.

5. Describe clinical picture,x ray finding and classification of fracture neck femur and outline its management in adults.

Nov Dec 2009

PAPER I

[45 MARKS]

SECTION-B

2.Short answers (3 out of 5)
(3x3=9)

a)Branchial cyst and Branchial fistula.

b)Pleomorphic adenoma.

c)Glasgow coma scale.

d)Marjolin's ulcer.e)Ranula.

3.Long answers:
(2x8=16)

a)Define shock. Enumerate various types of shock. Discuss clinical features and outline management of septic shock.

b)Classify thyroid neoplasms . Discuss the clinical features and management of differentiated thyroid carcinomas.

SECTION C

4.Short answers(4 out of 6)
(4x3=12)

a)Types of fraction and its uses.

b)Types of nonunion and its treatment.

c)Enumerate complications of fracture pelvis.

d)Classify fracture neck femur.

e)Clinical features and management of osteoarthritis knee joint.

f) Differential diagnosis of bony swelling at upper end of tibia in adult.

5. Long answer: (8)

Describe etiology, clinical features and radiology of chronic osteomyelitis and outline the principles of its management.

May June 2010

PAPER I

SECTION B

2. Short answers (3 out of 5)
(3x3=9)

- a) Factors delaying wound healing.
- b) Metabolic alkalosis.
- c) DeQuervain's thyroiditis.
- d) Collar stud abscess.
- e) Pleomorphic adenoma.

3. Long answers: (2 X 8=16)

- a) Describe the surgical anatomy of breast. Describe the etiology, clinical features and management of various benign breast diseases.
- b) Describe the surgical physiology of venous drainage of lower limb. Give an account of etiology, clinical features and management of long saphenous varicosities.

SECTION-C (ORTHOPAEDICS)

4. Short answers (4 out of 6)(4x3=12)

- a) Complications of fracture neck femur.
- b) Radiological features of osteosarcoma.
- c) Classification of open fracture.
- d) Pathogenesis of acute osteomyelitis.
- e) Wallerian degeneration.

f) Management of fracture shaft femur in adults.

5. Describe pathogenesis of Tuberculosis of spine, enumerate the clinical features briefly outline management.

Nov Dec 2010

Paper I

(Total duration: 3 hrs)

(Marks: 45)

SECTION B (Surgery)

2. Write short answers (any three out of five): (3X3=9)

- a) Cervical rib
- b) Universal precautions in HIV infections
- c) Assessment of nutritional status
- d) Methods of achieving homeostatis
- e) Complications of radiotherapy

3. Write long answers: (16)

- a) Give the clinical staging of breast carcinoma. Discuss the management of early breast cancer.
- b) Describe the surgical anatomy of veins of the lower limb. Discuss the clinical features and management of varicose veins

SECTION C (Orthopedics)

4. Write short answers (any four out of six): (4X3 = 12)

- a) Fracture scaphoid
- b) Complication of Colle's fracture
- c) Clinical features and management of giant cell tumor
- d) Treatment of Tuberculosis of hip joint
- e) Volkman's Ischaemic Contracture
- f) Management of congenital Talipes Equino-Varus (CTEV)

5. Write long answer: (8)

Discuss clinical features, investigations and treatment of fracture Patella

Winter 2011

Paper I

(Total duration: 3 hrs)

(Marks: 45)

SECTION B (Surgery)

2. Write short answers (any three out of five): (3X3=9)

- a) Clinical features of deep vein thrombosis
- b) Below knee amputation
- c) Antibiotic prophylaxis
- d) Benign parotid tumors
- e) Tumor markers

3. Write long answers: (16)

- a) Discuss the management of early breast cancer.
- b) Discuss the thyrotoxicosis as various types, medical and surgical treatment.

SECTION C (Orthopedics)

4. Write short answers (any four out of six): (4X3 = 12)

- a) Dequervain's stenosing tenosynovitis
- b) Total hip replacement
- c) Bone grafts and other bone substitutes
- d) Conservative management of fractures
- e) Micro anatomy of human cartilage
- f) Anterior dislocation of shoulder joint

5. Write long answer: (8)

Discuss clinical features, investigations and management of tuberculosis of spine at vertebral level T12 with incomplete paraplegia.

Winter 2012

Paper I

(Total duration: 3 hrs)

(Marks: 45)

SECTION B (Surgery)

2. Write short answers (any three out of five): (3X3=9)

- a) Factors delaying wound healing
- b) Classification of goitre
- c) Lucid interval
- d) Gas gangrene
- e) CHPS

3. Write long answers: (16)

- a) Classify haemorrhagic shock. Discuss management of shock due to blunt trauma resulting in liver injury.
- b) Describe causes of peripheral arterial diseases. Differentiate dry and wet gangrene. Discuss management patient of peripheral arterial disease with forefoot dry gangrene.

SECTION C (Orthopedics)

4. Write short answers (any four out of six): (4X3 = 12)

- a) Fracture scaphoid
- b) Complication of Colle's fracture
- c) Volkman's Ischaemic Contracture
- d) Clinical features of Tuberculosis of hip
- e) Clinical features of giant cell tumor
- f) Management of congenital Talipes Equino-Varus (CTEV)

5. Write long answer: (8)

Describe etiopathology, clinical features and principles of treatment of Pott's spine.

May June 2013

Paper I

(Total duration: 3 hrs)

(Marks: 45)

SECTION B (Surgery)

2. Write short answers (any three out of five): (3X3=9)

- a) Targeted chemo therapy for colonic malignancy
- b) Management of locally advanced breast carcinoma
- c) Multiple Endocrine Neoplasia II
- d) Modified Radical Neck Dissection
- e) Giant fibroadenoma

3. Write long answers: (16)

- a) Enumerate the causes of unilateral limb oedema. Write the surgical management of Filaria Limb.
- b) Classify the head injuries. Signs, symptoms and management of sub-dural haematoma.

SECTION C (Orthopedics)

4. Write short answers (any four out of six): (4X3 = 12)

- a) Deficiency rickets
- b) Osteoid osteoma