



All India Institute of Medical Sciences, Bhubaneswar
3rd Professional MBBS Final Examination 2019

Time: 3 Hrs

General Surgery (Paper-I)

Max. Marks: 60

Instructions:

Use separate answer sheets for Section-A & B. Answer all the questions. Draw diagram wherever necessary.

Section – A (General Surgery) 45 marks

- 1) A 32-year-old lady presents with a swelling on the front of neck just to the right of the midline. The swelling is non tender and moves up on deglutition. No other swellings are palpable. (5+5+5=15)
 - a) Discuss the differential diagnosis of this swelling.
 - b) Describe the relevant investigations to arrive at a diagnosis.
 - c) Describe the applied anatomy of the recurrent laryngeal nerve with reference to surgery for the thyroid gland.

- 2) **Write short notes on:** (3x5=15)
 - a) Tension pneumothorax
 - b) Lipoma
 - c) Breast fibroadenoma

- 3) **Write short notes on:** (3x5=15)
 - a) Venous ulcer
 - b) Diabetic foot
 - c) Malignant melanoma.

Section – B (Orthopaedics) 15 marks

- 4) **Answer Briefly:** (3x5=15)
 - a) Define fracture neck of femur. Enumerate the clinical features, classifications and management of displaced fracture neck of femur in a 75-year-old sedentary male individual.
 - b) Classify bone tumours. Write the radiological presentation of different malignant bone tumours.

 - c) Draw a labelled diagram of blood supply of long bone. Justify why osteomyelitis is more common in metaphysis of long bone.

******* The End *******



**All India Institute of Medical Sciences, Bhubaneswar
3rd Professional MBBS Final Examination 2018**

Time: 3 Hrs General Surgery (Paper-I) Max. Marks: 60

Instructions:

Use separate answer sheets for Section-A & B. Answer all the questions. Draw diagram wherever necessary.

Section - A (General Surgery) 45 marks (4:00)

1. A 60-year-old man presents with a swelling on the left side of the face just below the ear. It is painless and gradually progressing in size with no other swellings in the neck or any other change in the face.

- a) How will you proceed about and reach at a diagnosis in the case? (5+5+5=15)
- b) Which important structure is safeguarded if surgery is performed on the lateral aspect of face and how is it recognized intra operatively? *facial Nerve.*
- c) What are lymph nodal levels of the neck and which levels are affected in oral malignancies? *(2-7)*

2. Write short notes on:

- a) Hyponatremia
- b) Tetanus - treatment & prophylaxis
- c) Massive blood transfusion

(5 x 3=15)

3. Write short notes on:

- a) MEN Syndrome
- b) Marjolin's ulcer
- c) Well differentiated Thyroid Cancer.

(5 x 3=15)

Section - B (Orthopaedics) 15 marks

4. Write short notes on:

- a) Define Monteggia fracture. Write the clinical presentation, investigation required and management.
- b) Septic arthritis of knee and its management. Describe the sequelae of septic arthritis of knee.
- c) Write the steps of fracture healing.

(5 x 3=15)

***** The End *****



All India Institute of Medical Sciences, Bhubaneswar
3rd Professional MBBS Supplementary Examination 2018

Time: 3 Hrs

General Surgery (Paper-I)

Max. Marks: 60

Instructions

Answer all the questions. Draw diagram wherever necessary. Use separate answer sheets for Section-A & B.

Section – A (General Surgery)

1. A 57 year old gentleman notices some change in an old mole over his right heel. It has suddenly increased in size with episodes of occasional bleeding. Answer the questions that follow:

- a. Give a probable diagnosis and other differential diagnosis for the conditions (3)
- b. How will you arrive at your diagnosis clinically? (2)
- c. Brief the investigations and pathological behaviour for the lesion (5)
- d. What are the treatment options? (5)

2. Write short notes on: (5x3=15)

- a. Well differentiated thyroid cancer
- b. Phyllóides tumour
- c. MEN Syndrome

3. Write short notes on: (5x3=15)

- a. Surgical site infection
- b. Rodent Ulcer \rightarrow TB
- c. Fluid management in burns

Mod Bwika.

Section – B (Orthopedic)

4. Write short notes on: (5X3=15)

- a. Colle's fracture
- b. Chronic Osteomyelitis
- c. Giant cell tumor

Spindle Cell
 Soap bubble

* The End *

Boyan

Spiny lesion
 Short Subject
 100
 100



All India Institute of Medical Sciences, Bhubaneswar
3rd Professional MBBS Final Examination 2017

Time: 3 Hrs

General Surgery (Paper-I)

Max. Marks: 60

Instructions:

Answer all the questions.

Draw diagram wherever necessary.

Use separate answer sheets for Section-A & B.

Section – A (General Surgery) 45 marks

1. A 36-year-old male met with a road traffic accident. He was severely breathless when he was brought to the accident and emergency department. At admission his pulse rate was 114/min and blood pressure 80/60 mm of Hg. His GCS was 15/15. Abdomen was soft was non-tender, with no distension. FAST was negative. Outline your plan of management (15) ✓

2. Write short notes on:

(3 x 5=15) ✓

- Fluid resuscitation in a burn patient.
- Necrotizing soft tissue infections.
- Undescended testes.

3. Write short notes on:

(3 x 5=15)

- Sentinel node biopsy in cancer breast.
- Management of varicose veins
- Surgical anatomy of inguinal hernia.

Section – B (Orthopedic)

4. Write short notes on:

(3 x 5=15)

- Algorithmic approach to management of fracture neck of femur.
- Cast correction of CTEV
- Clinical presentation and differential diagnoses of Ewing Sarcoma

Pre professional examination 2017

Paper - I (Duration- 3 hours)

Instructions

- Attempt all the questions
- The individual answers need to be written in separate sheets
-

Section -A (General surgery)

1. A 40 year old female patient weighing 50 kilo is brought to the Trauma & Emergency department with superficial to deep burns her upper half of the body. Her face is swollen.
 - a. Outline the important examination that need to be done immediately and the important management that need to be started. (5 Marks)
 - b. Explain diagrammatically the "Rule of 9." Calculate the fluid requirement if the body surface area burnt is 40%. (2.5 + 2.5 marks)
 - c. Give a list of life threatening complication that can occur in such a patient. (5)

2. Write short Notes on (5x3 marks)
 - a. Vacuum assisted closure
 - b. Surgical Site Infection
 - c. Paraneoplastic syndrome

2. Write short notes on (5x3 marks)
 - a. Tension pneumothorax.
 - b. Thyroglossal cyst.
 - c. Breast conservation surgery.

Section -B(Orthopaedics)

1. Write short notes on (5x3 marks)
 - a. Fracture neck of femur (5)
 - b. Pott's spine (5)
 - c. Osteosarcoma of distal femur (5)

PATIENT
LOCAL
C T O F

FUCKED UP

ATOM

Pre professional examination 2017

Paper- I (Duration- 3 hours)

Instructions

- Attempt all the questions
- The individual answers need to be written in separate sheets
-

Section -A (General surgery)

1. A 40 year old female patient weighing 50 kilo is brought to the Trauma & Emergency department with superficial to deep burns her upper half of the body. Her face is swollen.
- a. Outline the important examination that need to be done immediately and the important management that need to be started. (5 Marks)
 - b. Explain diagrammatically the "Rule of 9." Calculate the fluid requirement if the body surface area burnt is 40%. (2.5 + 2.5 marks)
 - c. Give a list of life threatening complication that can occur in such a patient. (5)

2. Write short Notes on (5x3 marks)
- a. Vacuum assisted closure
 - b. Surgical Site Infection
 - c. Paraneoplastic syndrome

2. Write short notes on (5x3 marks)
- a. Tension pneumothorax.
 - b. Thyroglossal cyst.
 - c. Breast conservation surgery.

Section -B(Orthopaedics)

1. Write short notes on (5x3 marks)
- a. Fracture neck of femur (5)
 - b. Pott's spine (5)
 - c. Osteosarcoma of distal femur (5)

Instructions

Answer all the questions. Draw diagram wherever necessary. Use separate answer sheets for Section-A & B.

Section - A (General Surgery)

1. A 37 years old lady presented with a firm well defined lump in the left breast. It was 6cm in diameter. Enlist the possible differential diagnoses? What are the various factors that would increase the possibility of the lump being malignant? What will be the line of management if the cytology reveals an invasive carcinoma of the breast?

(15)

2. Write short notes on:

(5x3=15)

- Assessment of area and depth of burn
- Resuscitation of a patient in shock
- Compartment syndrome

3. Write short notes on:

(5x3=15)

- Pathophysiology of Flail-chest
- Management of Goitre
- Pathophysiology of Diabetic foot

Section - B (Orthopedic)

4. Write short notes on:

(5x3=15)

- Colles fracture
- Osteomyelitis
- Giant cell tumour of bone

Instructions

Answer all the questions. Draw diagram wherever necessary. Use separate answer sheets for Section-A, B & C.

Section - A (General Surgery)

1. A 36 years old lady presented to the A & E department with severe pain in the upper abdomen radiating to the back. The pain was worse on lying down. She was found sitting on the couch bending forwards. She was a known case of gall stone disease. The serum lipase was 586 U/L

- (a) Classify and define the various local complications of this disease (5)
- (b) Describe the management of pseudo cyst of the pancreas (10)

2. Write short notes on:

(5x3=15)

- a. Cause of hydronephrosis
- b. Hematuria
- c. Treatment options for ureteric calculus

Section - B (Ophthalmology)

3. Describe the etiology, pathogenesis, clinical picture and management of Bacterial Corneal Ulcer.

(8)

4. Write short notes on:

(4X3=12)

- a. Primary angle closure glaucoma
- b. Ophthalmia neonatorum
- c. Congenital cataract
- d. Complications of diabetic retinopathy

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
FINAL PROFESSIONAL EXAMINATIONS-DECEMBER 2016
SURGERY (PAPER 1)

TIME 3 HOURS

TOTAL MARKS 60

1. Attempt Part -I and Part-II questions on separate answer sheets
2. Attempt all questions
3. All questions shall be answered in serial order.
4. Write precisely and to the point.

PART I

Q1. What are the common causes of acute upper abdominal pain? How will you diagnose and manage a case of suspected acute pancreatitis? 15 marks

Q2. Write short notes on: 5×3=15

- (a) Triple assessment in breast.
- (b) Evaluation of solitary thyroid nodule.
- (c) Presentations of Renal cell carcinoma.

Q3. Write briefly on: 5×3=15

- (a) Primary survey in trauma.
- (b) DVT prophylaxis in surgery.
- (c) Pathogenesis of septic shock.

PART -II

Q4. Write short notes on: 5×3=15

- (a) Volkmann's ischaemic contracture
- (b) Clinical presentation and diagnosis of osteosarcoma
- (c) Osteochondroma

ALL INDIA INSTITUTE OF MEDICAL SCIENCES,
PRE-PROFESSIONAL MBBS EXAMINATION - OCTOBER, 2016

Paper - II
Part - I, II & III

Time : 2 hours
Max. Marks : 60

1. Attempt all questions and all answers in Part-I, Part-II & Part-III in separate sheets

PART - I

Marks allotted

Q.1. Discuss the differential diagnosis and management of Acute Cholecystitis.

10

Q.2 Discuss in Brief :

5 x 2

a) Work up of a Solitary Thyroid Nodule in a 21 yr. old male patient.

b) Management of a patient with Nipple Discharge.

Q.3 Write short notes on :

5 x 2

a) Varicocele

b) Conservative Management of Blunt Splenic Injuries.

PART - II (OPHTHALMOLOGY)

Q.4 Describe causes and management of Cataract.

10

Q.5 Write short notes on :

5 x 2

(a) Corneal Ulcer

(b) National Blindness Control Programme

PART - III (ENT)

Q.6 Write notes on :

2.5 x 4

- Epistaxis

- Acute Otitis Media

- Peri Tonsillar Abscess

- CSF Rhinorrhea

Instructions:

- Attempt all the questions.
- The individual answers need to be written in separate answer sheets

Part - A (General Surgery)

(15 marks)

✓ 1. A young male of 25 yrs met with road traffic accident brought to the casualty with fracture of pelvis and abrasion over the abdomen. On examination his pulse rate was 120/mins, SBP of 80 mm Hg and found to be having peno-scrotal edema. Describe the approach in the management of this patient.

2. Write short notes on

(5x3 marks)

- ✓ a. Management of solitary thyroid nodule
- ✓ b. Causes and management of varicose vein
- ✓ c. Cervical lymphadenopathy with its management

3. Write short notes on

(5x3 marks)

- ✓ a. Duct ectasia
- ✓ b. Keloid scar
- ✓ c. Fluid management in burn patients

Part - B (Orthopaedics)

(5x3 marks)

✓ 1. What is acute osteomyelitis? Describe the pathophysiology and management of acute osteomyelitis.

✓ 2. What is Colles fracture? Describe the treatment and complications of Colles fracture.

3. Write a short note on Giant Cell tumor of bone

Paper - II
Part - I

Time : 2 hours
Max. Marks : 60

1. Attempt all questions .

PART - I

Marks allotted

- | | |
|--|-------|
| Q.1. Describe the management of Early Breast Cancer in a lady aged 43 years. | 10 |
| Q.2 Write Notes on : | 5 x 2 |
| a) Blunt Abdominal Trauma | |
| b) Renal Stone Disease | |
| Q.3 Write short notes on : | 5 x 2 |
| a) Cricothyroidotomy | |
| b) Leg Ulcer | |

PART - II (OPHTHALMOLOGY)

- | | |
|---|----|
| Q.4 Describe causes of Acute Painful Eye. How will you treat a patient with Keratitis | 10 |
| Q.5 Write notes on : | 10 |
| (a) CATARACT | |
| (b) National Blindness control programme. | |

PART - III (ENT)

- | | |
|----------------------|----|
| Q.6 Write notes on : | 10 |
| - Epistaxis | |
| - Acute Tonisillitis | |
| - Laryngeal Cancer | |
| - Tinnitus | |

Part - A (General Surgery)

Attempt all questions

(10)

Q1 A 50 year old lady presented with chief complain of yellow discoloration of skin and sclera for 25 days. She has intense itching all over the body. On examination of the abdomen her gall bladder was palpable. Her total bilirubin was 12 mg/dl. The direct Bilirubin was 10 mg/dl and the indirect 2 mg/dl. Mention few differential diagnosis to this condition. Describe in brief the approach to management of this patient.

Q2 Write short notes on

(5+2.5=7.5)

- a. Fistula in ano - thread - clean - withy - fistulae, probe etc
b. LUTS

Q3 Write short notes on

(5X2)

- a. GERD - sigmoid etc
d. Appendicular lump

Part - B (Ophthalmology)

Q1. A 62 old diabetic for 15 years comes for routine vision examination. His vision on examination 6/36 in right eye and 6/18 in left eye. His blood sugar levels are within normal limits. His intraocular pressure is 12 mmHg in both eyes. (1+2+2= 5)

- Describe the causes for diminution of vision
- Describe the fundus changes in Non Proliferative Diabetic Retinopathy.
- What are the treatment options for Proliferative Diabetic Retinopathy?

Q2. Write short noted on any ~~two~~ (3x5=15)

- Ocular manifestations of thyroid disease.
- Etiopathogenesis of papilledema.
- Pterygium
- Viral keratitis
- Complications of cataract surgery
- Angular conjunctivitis
- Episcleritis
- Sallent features of eye banking
- Amblyopla



Handwritten notes: "Hand to eye"

Handwritten notes: "best. endophth"

Handwritten number: "3"

Part - A (General Surgery)

Attempt all questions

(10)

Q1 A 50 year old lady presented with chief complain of yellow discolouration of skin and sclera for 25 days. She has intense itching all over the body. On examination of the abdomen her gall bladder was palpable. Her total bilirubin was 12 mg/dl. The direct Bilirubin was 10 mg/dl and the indirect 2 mg/dl. Mention few differential diagnosis to this condition. Describe in brief the approach to management of this patient.

Q2 Write short notes on

(5+ 2.5 = 7.5)

- a. Fistula in ano
- b. LUTS

Q3 Write short notes on

(5X2)

- c. GERD
- d. Appendicular lump

Part - B (Ophthalmology)

Q1. A 62 old diabetic for 15 years comes for routine vision examination. His vision on examination 6/36 in right eye and 6/18 in left eye. His blood sugar levels are within normal limits. His intraocular pressure is 12 mmHg in both eyes. (1+2+2= 5)

- a. Describe the causes for diminution of vision
- b. Describe the fundus changes in Non Proliferative Diabetic Retinopathy.
- c. What are the treatment options for Proliferative Diabetic Retinopathy?

Q2. Write short noted on any ~~two~~ ^{five} (3x5=15)

- a. Ocular manifestations of thyroid disease. -
- b. Etiopathogenesis of papilledema. -
- c. Pterygium -
- d. Viral keratitis -
- e. Complications of cataract surgery
- f. Angular conjunctivitis
- g. Episcleritis
- h. Salient features of eye banking
- i. Amblyopia -

Surgery Paper-I

Total marks-45

Time- 3 hours

Answer all questions

Long questions(10x2)

1. How to calculate the area of burn in an adult patient?
How a superficial burn is different from the deep burn?
Outline the management of 40% burn in a 50 year old patient who has been rescued from a burning house 2 hours before and is awake and conscious?

(2+2+6)

2. Define ANDI?

A 45 year old female patient has presented at the OPD with a swelling of size 3cmx 3cm in the left breast. The swelling is irregular, hard and free from the skin and the underlying muscles. It is situated in the upper and outer quadrant of a large sized breast. She has a 1cm X 1cm hard mobile axillary lymph node on the same side. The symptoms are present since 3 months.

- a) How will you investigate this case?
- b) Enumerate the surgical options if this case is diagnosed as carcinoma left breast?
- c) What are the structures that you will preserve if axillary dissection is performed?

(3+2+3+2)

Short Notes(5x5)

1. Plunging Ranula
2. Frey's Syndrome
3. Adrenal incidentaloma
4. Vacuum Assisted closure
5. Mammography

6TH END SEMESTER EXAMINATION

SURGERY

THEORY

DURATION: 2 Hours

Write short notes (150 words)

	Marks
1. Buerger's Disease	1.5
2. Management of venous ulcer	1.5
3. ANDI	1
4. Aortic aneurysm diagnosis and management	1.5
5. Triple assessment for evaluation of breast diseases	1
6. A) TNM staging in breast cancer	1
B) Gas gangrene aetiology and management	1

Final Pre- Professional Examination

Batch 2014

Surgery Paper-II

Total marks-30

Answer all questions

Long question(10)

1. How will you resuscitate a 50 year old patient and prepare him for surgery in a case of benign gastric outlet obstruction? What are the different surgical options for this condition? Name few specific complications associated with the surgery? (3+3+4)

Short Notes (5x4=20)

1. Appendicular lump
2. Rectal prolapse
3. Choledochal cyst
4. Renal cell carcinoma

(17)

Ophthalmology

Total marks: 20

Open angle glaucoma

Q1. A 65 year old male complains of frequent change of presbyopic glasses. On examination, Best Corrected Visual acuity is 6/36 in right eye and 6/60 in left eye. Anterior segment is normal. Intraocular pressure is 24 mm Hg and 28 mmHg in left eye. Funduscopy reveals disc cupping in both eyes. (8 marks)

- a. What are the probable causes for diminution of vision? (1 mark)
- b. What is normal intraocular pressure and how it is measured? (1 marks)
- c. What are the optic disc changes in Primary Open angle glaucoma? (2 marks)
- d. What is Open and Closed angle glaucoma? (1 mark)
- e. What are the Visual field changes in Primary open angle glaucoma? (1.5 marks)
- f. What is the treatment in this case? (1.5 marks)

103
154

Q2 Write short notes on any four (4X3 =12 marks)

1. Herpes Zoster Ophthalmicus
2. Endophthalmitis
3. Acute Dacryocystitis
4. Closed Globe Injury
5. Rehabilitation of the blind

103 + 103 + 47 + 25

8th Semester Examination

- ③ 1. What is LUTS? Write Hydrodynamic features B.O.O?
- ③ 2. ^{Name} Logical options for Benign G.O.O? Describe few of its Complications
- ✓ 3. CP of RCC? Paraneoplastic Syndrome ass. to RCC?
- ✓ 4. Blood Supply of Appendix? Position of Appendix? AVarado score?
- ✓ 5. ^{what is} Goodsall's Rule? Parkland class'n of fistula in Ano?

Treatment for fistula in ano?

- ③ ⑥. ^{what are} Characteristics of gas - used to create pneumoperitoneum?
What are the gases used for it? What are the complications of these treatment?
-

8th End semester Examination

Surgery

Theory paper

Time

Answer all questions.

Each question carries equal marks

- ✓ 1. Management of renal stones.
- ✓ 2. What are the Complications of cholelithiasis?
✓ Write in brief about indications of cholecystectomy in asymptomatic individuals.
- ✓ 3. Diagnosis and management of gastric outlet obstruction.
- ✓ 4. Diagnosis and management of Hydatid cyst of liver.
- ✓ 5. Management of Gastroesophageal reflux diseases. - 100%
- ✓ 6. Sentinel lymph node biopsy in breast surgery.
- ✓ 7. Surgical approach to patients with obstructive jaundice.
- ✓ 8. Abdominal compartment Syndrome.
- ✓ 9. Write a Short note on Pseudopancreatic cyst.

Department of General Surgery

All India Institute of Medical Sciences, Raipur

MBBS 3rd Professional Pre Final Examination: Paper 1: Subjective

Max Marks: 50

Time: 2 hours 40 minutes

1. Define Pyonephrosis. Enumerate the causes and management of a patient with pyonephrosis. (Marks = 7)
2. Enlist the causes of surgical jaundice. Outline the management of a patient with choledocholithiasis. (Marks = 7)
3. Enlist the different variants of abdominal tuberculosis. Describe the management of a patient with ileo-caecal tuberculosis. (Marks = 7)
4. Write short notes on: (Marks = 8)
 - a. Medullary carcinoma of thyroid.
 - b. Venous ulcer of lower limb
5. What are the components of primary survey in the management of a polytrauma patient? Outline the Glasgow coma scale. (Marks = 7)
6. Name the premalignant conditions associated with carcinoma rectum. Describe the management of adenocarcinoma of rectum involving full thickness of the rectal wall. (Marks=7)
7. Describe the development and descent of testis. Write down the management of a patient of acute torsion of left testis. (Marks = 7)

Write short notes (150 words)

	Marks
1. Buerger's Disease	1.5
2. Management of venous ulcer	1.5
3. ANDI	1
4. Aortic aneurysm diagnosis and management	1.5
5. Triple assessment for evaluation of breast diseases	1
6.	1
A) TNM staging in breast cancer	1
B) Gas gangrene aetiology and management	1

*debridement dressing T/A of CVI
wound*

*Symptoms → Add pain
Back pain
Chest
Tachypnea*

*Investigations → Angiography
CT
MRI*



T₁ - < 2

T₂ - 2-5

T₃ - > 5

*T_{4a} - chest wall
b - skin
c - skin & chest wall
d - inflammatory*

N₁ - > 1 cm level

N₂ > 1 cm level

N₃ > 7 cm level 3 supraclavicular

M₀ - No distant meta

M - distant metastases

Department of Trauma and Emergency

(Questions for Internal examination for 7th semester)

Each question is one mark (Total marks = 5)

1. What are pathological causes of bradycardia?
2. What are indications of Non Invasive ventilation (NIV) in acute care settings?
3. Write contraindications of Ryle's tube insertion
4. What is triple manoeuvre of airway management?
5. Write treatment of tension pneumothorax

Duration- 3 hours

Surgery-I

Total Marks= 45

Answer all questions

long questions

[10x2]

1. Classify salivary Neoplasms. Discuss management of right parotid swelling in a 40 years old man. The swelling is present since two years and has progressively enlarged to a present size of 2cmX2cm. (4)
2. A 45 years old female presented with a painless swelling in her left breast for 4 months duration. On examination it is 3cmx 3cm in size and located on the upper and the outer quadrant of the breast . It is mobile and the overlying skin is free. On the ipsilateral axilla a 1 cmx 1cm hard, mobile and non tender lymph node is palpable. Outline the further management in this patient? (6)

Short notes

[5x 5]

1. Marjolin's ulcer 2.5
2. Universal Precaution 2.5
3. Buerger's disease 2.5
4. Thyroglossal cyst 3.
5. Incisional hernia 2.5

10
13.

23
9

32

32/60

Orthopaedics

Answer all the questions

Marks 3*5=15

1. Enumerate Clinical features and management of Osteosarcoma distal end of Femur.
2. Define, enumerate clinical features and radiological findings of Chronic osteomyelitis.
3. Colle's fracture.