

February 2012

[LA 6156]

Sub. Code: 6156

**BACHELOR OF OCCUPATIONAL THERAPY EXAMINATION
SECOND YEAR**

**Paper II – MEDICINE, SURGERY, PAEDIATRICS, ENT,
OPHTHALMOLOGY AND PHARMACOLOGY**

Q.P. Code: 786156

Time: Three hours

Maximum: 100 marks

ANSWER ALL QUESTIONS

Section A and B must be answered in SEPARATE Answer Book

SECTION – A

I. Elaborate on: (1X20=20)

1. Define Rheumatic fever and describe etiology, pathology and clinical features and treatment.

II. Write notes on: (4X5=20)

1. Osteo arthritis
2. Cerebral palsy – definition and clinical features.
3. Spina bifida – clinical features and outcome.
4. Drugs used in angina.

III. Short Answers: (5X2=10)

1. Vitamin D deficiency.
2. Two causes of defective vision among elderly persons.
3. Two drugs used in Urinary Tract Infection.
4. Bronchial Asthma – definition.
5. Obesity – definition.

SECTION-B

I. Elaborate on: (1X20=20)

1. Outline plastic surgery procedures, management in resuscitation of burns including splinting methods in prevention of burns contractures.

II. Write notes on: (4X5=20)

1. Sub costal incision.
2. Electrical burns.
3. Mention common ENT infection which affects Hearing.
4. Mention common Eye lesion in leprosy.

VI. Short Answers (5X2=10)

1. Post operative complication in Thyroidectomy.
2. Post operative complication in Appendisectomy.
3. Function of the vestibular apparatus.
4. Classification of Burns.
5. Midline abdominal incision.

[LB 6156]

AUGUST 2012

Sub. Code: 6156

SECOND YEAR BOT EXAM

**Paper – II MEDICINE, SURGERY, PAEDIATRICS, ENT,
OPHTHALMOLOGY AND PHARMACOLOGY**

Q.P. Code: 786156

Time: Three hours

Maximum : 100 marks

(180 Min) Answer All Questions in the same order.

Section A and B must be answered in SEPARATE Answer Book

SECTION – A

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

- | | | | |
|---|----|----|----|
| 1. Describe classification, pathology, clinical features, course and prognosis of Juvenile idiopathic arthritis and its management. | 19 | 33 | 20 |
|---|----|----|----|

II. Write Notes on:

- | | | | |
|------------------------------------|---|---|---|
| 1. Secondary Hypertention. | 3 | 8 | 5 |
| 2. National Preventive programmes. | 3 | 8 | 5 |
| 3. Urinary Tract Infection. | 3 | 8 | 5 |
| 4. Drugs used in bronchiectasis. | 3 | 8 | 5 |

III. Short Answers on:

- | | | | |
|--|---|---|---|
| 1. Any two beta blockers and uses. | 1 | 5 | 2 |
| 2. Definition of emphysema. | 1 | 5 | 2 |
| 3. Types of diabetes. | 1 | 5 | 2 |
| 4. Two major Jones Criteria for rheumatic heart disease. | 1 | 5 | 2 |
| 5. Fallot's tetralogy. | 1 | 5 | 2 |

SECTION-B

I. Elaborate on:

- | | | | |
|--|----|----|----|
| 1. Classify burns by depth and surface area. Outline causes, medical management and precaution in the acute stage. | 19 | 33 | 20 |
|--|----|----|----|

II. Write Notes on:

- | | | | |
|---|---|---|---|
| 1. Mcburney's incision. | 3 | 8 | 5 |
| 2. Post burns contractures. | 3 | 8 | 5 |
| 3. What are all the effect of paralysis of the ocular muscle. | 3 | 8 | 5 |
| 4. Role of audiometry in assessing hearing. | 3 | 8 | 5 |

III. Short Answers on:

- | | | | |
|---|---|---|---|
| 1. Post operative complication in Nephrectomy. | 1 | 5 | 2 |
| 2. Post operative complication in Herniorrhaphy | 1 | 5 | 2 |
| 3. Scalds. | 1 | 5 | 2 |
| 4. Sub costal incision. | 1 | 5 | 2 |
| 5. Rehabilitation of post burn patient. | 1 | 5 | 2 |

[LC 6156]

FEBRUARY 2013

Sub. Code: 6156

SECOND YEAR BOT EXAM

**Paper – II MEDICINE, SURGERY, PAEDIATRICS, ENT, OPHTHALMOLOGY
AND PHARMACOLOGY**

Q.P. Code: 786156

**Time: Three hours
(180 Min)**

Maximum: 100 marks

Section A and B must be answered in SEPARATE Answer Book

SECTION – A

I. Elaborate on: (1X2=20)

1. Define myocardial infarction. Discuss the clinical features, diagnosis, complications and management.

II. Write notes on: (4X5=20)

1. Classification of antihypertensive drugs.
2. Treatment of plasmodium vivax malaria.
3. Polio myelitis prevention.
4. Treatment of chronic renal failure.

III. Short Answers: (5X2=10)

1. Measles complications.
2. Haemophilia treatment.
3. Definition of Bronchiectasis.
4. Jones criteria (Modified).
5. Types of Insulin.

SECTION-B

I. Elaborate on: (1X2=20)

1. Classify Burns by depth of surface area; outline causes, medical management and precautions to be taken in acute stage.

II. Write notes on: (4X5=20)

1. What are the effects of ocular muscle paralysis and discuss their treatment.
2. Write in Brief about the field defects arising from lesions in visual pathway.
3. Outline the physiology and anatomy of hearing.
4. Classify causes of hearing loss. What are the types of hearing aids available?

III. Short Answers: (5X2=10)

1. Colostomy.
2. Uses of Audiometry.
3. Trachoma.
4. What are the causes of Blindness?
5. Enumerate some common ENT infections.

[LD 6156]

AUGUST 2013

Sub. Code: 6156

SECOND YEAR BOT EXAM

**Paper – II MEDICINE, SURGERY, PAEDIATRICS, ENT, OPHTHALMOLOGY
AND PHARMACOLOGY**

Q.P. Code: 786156

Time: Three hours

Maximum: 100 marks

Section A and B must be answered in SEPARATE Answer Book

SECTION – A

I. Elaborate on: (1X20=20)

1. Describe in detail the etiology, clinical features, diagnosis, complications and the management of Pulmonary Tuberculosis.

II. Write Notes on: (4X5=20)

1. AIDS
2. Iron deficiency anaemia
3. Infective endocarditis
4. Drug therapy of Rheumatoid arthritis.

III. Short Answer: (5X2=10)

1. Four drugs used in urinary tract infection
2. Four complications of obesity
3. Four common diseases in elderly people
4. Four anti diabetic drugs
5. Four drugs used in cardiac failure.

SECTION – B

I. Elaborate on: (1X20=20)

1. Classify burns by depth of involvement? Outline medical management in acute stage in a woman with mixed burns of 60% surface area?

II. Write Notes on: (4X5=20)

1. Complications of Herniorrhaphy
2. Incisions for appendicectomy
3. Burns contracture
4. Complications of Hysterectomy

III. Short Answer: (5X2=10)

1. Scalds
2. Post mastectomy lymphedema
3. Kocher's incision
4. Thyroid storm
5. Keloid

[LE 6156]

FEBRUARY 2014

Sub. Code: 6156

SECOND YEAR BOT EXAM

Paper – II MEDICINE, SURGERY, PAEDIATRICS, ENT, OPHTHALMOLOGY
AND PHARMACOLOGY

Q.P. Code: 786156

Time: Three hours

Maximum: 100 marks

Section A and B must be answered in SEPARATE Answer Book

SECTION – A

I. Elaborate on:

(1X20=20)

1. Discuss in detail the etiology, clinical features, diagnosis, complications and the management of Hypertension.

II. Write Notes on:

(4X5=20)

1. Diagnosis and treatment of Systemic Lupus Erythematosus.
2. Tetanus
3. Bleeding diathesis
4. Complications and treatment of Bronchiectasis.

III. Short Answer:

(5X2=10)

1. Four anti viral drugs.
2. Four types of anaemia
3. Four Bronchodilators
4. Four indications of Haemo dialysis
5. Four types of insulin.

SECTION – B

I. Elaborate on:

(1X20=20)

1. Outline plastic surgery procedures and management in rehabilitation of burns? How will you manage post burns contracture of neck?

II. Write Notes on:

(4X5=20)

1. Stoma care
2. Complications of appendicectomy
3. Complications of cholecystectomy
4. Electrical burns

III. Short Answer:

(5X2=10)

1. Sterile pin test
2. Secondary hemorrhage
3. Stitch granuloma
4. Stridor
5. Hypertrophic scar.

[LF 6156]

AUGUST 2014

Sub. Code: 6156

SECOND YEAR BOT EXAM
Paper – II MEDICINE, SURGERY, PAEDIATRICS, ENT, OPHTHALMOLOGY
AND PHARMACOLOGY

Q.P. Code: 786156

Time: Three hours

Maximum: 100 marks

Section A and B must be answered in SEPARATE Answer Book

SECTION – A

I. Elaborate on:

(1X20=20)

1. Describe in detail the etiology, clinical features, diagnosis, complications and the management of Diabetes mellitus.

II. Write Notes on:

(4X5=20)

1. Hepatitis B viral infection.
2. Haemophilia.
3. Acute severe asthma
4. Diagnosis of Rheumatic fever.

III. Short Answers:

(5X2=10)

1. Two diseases modifying anti rheumatic drugs (DMARDS).
2. Two complications of chronic renal failure.
3. Two chest wall deformities.
4. Two anti hypertensive drugs.
5. Two lab diagnosis of infective endocarditis.

SECTION – B

I. Elaborate on:

(1X20=20)

1. Outline the causes for Biliary Leak and describe in detail the management of Biliary Leak.

II. Write Notes on:

(4X5=20)

1. Inhalational injury
2. Full thickness Skin Grafts
3. Free Flaps
4. Charcot's joints

III. Short Answers:

(5X2=10)

1. ABCD of management of Acute Burns Injury
2. Pelvic Floor Repair
3. Chevron Incision
4. Double barrel Ileostomy
5. Incisional Hernia

[LG 6156]

FEBRUARY 2015

Sub. Code: 6156

**SECOND YEAR BOT EXAMINATION
PAPER – II MEDICINE, SURGERY, PAEDIATRICS, ENT, OPHTHALMOLOGY
AND PHARMACOLOGY**

Q.P. Code: 786156

Time: Three hours

Maximum: 100 marks

Section A and B must be answered in SEPARATE Answer Book

SECTION – A

I. Elaborate on: (1 x 20 = 20)

1. Describe the pathogenesis, clinical features and management of Bronchial Asthma.

II. Write notes on: (4 x 5 = 20)

1. Megaloblastic anemia
2. Pathology and clinical features of Pulmonary tuberculosis
3. Anti-anginal agents
4. ASD(Atrial Septal defect)

III. Short answers: (5 x 2 = 10)

1. Vitamin A deficiency
2. Plasma expanders
3. Vision loss in elderly-list causes
4. List four bleeding diathesis
5. Immunisation for Diphtheria

SECTION – B

I. Elaborate on: (1 x 20 = 20)

1. Outline the eye lesions in Leprosy. Describe causes, treatment and complications of lagophthalmos.

II. Write notes on: (4 x 5 = 20)

1. Briefly outline the structure and function of the vestibular apparatus
2. Abdominal incision used and complications of adrenalectomy
3. Prevention of elbow contractures in burns
4. Split skin graft

III. Short answers: (5 x 2 = 10)

1. Presbyopia
2. Pfannenstiel incision
3. List four causes of hearing loss
4. Primary haemorrhage
5. Complications of prostatectomy

[LH 6156]

AUGUST 2015

Sub. Code: 6156

B.O.T. DEGREE EXAMINATION

SECOND YEAR

**PAPER – II MEDICINE, SURGERY, PAEDIATRICS, ENT, OPHTHALMOLOGY
AND PHARMACOLOGY**

Q.P. Code: 786156

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

Section A and B must be answered in SEPARATE Answer Book

SECTION A

I. Elaborate on: (1 x 20 = 20)

1. Define angina pectoris and myocardial infarction. Describe the clinical features and outline the medical and surgical therapy of angina pectoris and myocardial infarction.

II. Write notes on: (4 x 5 = 20)

1. Ventricular Septal Defect.
2. Rheumatoid Hand.
3. Primitive reflexes.
4. Immunization schedule.

III. Short Answers on: (5 x 2 = 10)

1. Spina bifida.
2. List four Non steroidal anti-inflammatory drugs (NSAIDs).
3. Tetanus.
4. Rickets.
5. Pigeon chest.

SECTION B

I. Elaborate on: (1 x 20 = 20)

1. Classify the causes of hearing loss.
Outline the conservative and surgical interventions of hearing loss.

II. Write notes on: (4 x 5 = 20)

1. Post operative complications in Thyroidectomy
2. Visual pathway.
3. Colostomy
4. Splints for burns rehabilitation

III. Short Answers on: (5 x 2 = 10)

1. External ear.
2. Glaucoma.
3. Pedicle graft.
4. Hearing aids.
5. Cataract.

[LI 6156]

FEBRUARY 2016

Sub. Code: 6156

**SECOND YEAR BOT EXAMINATION
PAPER – II MEDICINE, SURGERY, PAEDIATRICS, ENT, OPHTHALMOLOGY
AND PHARMACOLOGY**

Q.P. Code: 786156

Time: Three hours

Maximum: 100 Marks

Section A and B must be answered in SEPARATE Answer Book

SECTION – A

I. Elaborate on:

(1 x 20 = 20)

1. Describe the pathogenesis, clinical features and management of Rheumatoid arthritis.

II. Write notes on:

(4 x 5 = 20)

1. Hemophilia
2. Fallots Tetralogy.
3. Acquired immune deficiency syndrome.
4. Meningomyelocele.

III. Short answers:

(5 x 2 = 10)

1. Thrombocytopenia.
2. Name four anti-hypertensive drugs.
3. Pulmonary embolism.
4. Barrel chest.
5. Mode of spread and prevention of Filariasis.

SECTION – B

I. Elaborate on:

(1 x 20 = 20)

1. Classify burns by depth and surface area. Outline medical management and precautions in the acute stage.

II. Write notes on:

(4 x 5 = 20)

1. Cataract.
2. Audiometry in assessment of hearing.
3. Post operative complications in mastectomy
4. Post operative complications in Appendicectomy.

III. Short answers:

(5 x 2 = 10)

1. Mc. Burneys incision.
2. List four complications of hysterectomy.
3. Extraocular muscles.
4. Stitch abscess.
5. Keloid.

[LJ 6156]

AUGUST 2016

Sub. Code: 6156

**SECOND YEAR BOT EXAMINATION
PAPER – II GENERAL MEDICINE, SURGERY, PAEDIATRICS, ENT,
OPHTHALMOLOGY AND PHARMACOLOGY**

Q.P. Code: 786156

Time: Three hours

Maximum: 100 Marks

Section A and B must be answered in SEPARATE Answer Book

SECTION – A

I. Elaborate on: (1 x 20 = 20)

1. List the etiological agents and outline the symptoms, complications and management of Pneumonia.

II. Write notes on: (4 x 5 = 20)

1. Narcotic analgesics
2. Patent ductus arteriosus
3. Atrial Septal Defect
4. Filaria

III. Short answers: (5 x 2 = 10)

1. Vitamin A deficiency
2. Mental retardation
3. Malnutrition
4. Heparin
5. B12 deficiency anemia

SECTION – B

I. Elaborate on: (1 x 20 = 20)

1. Describe the field defects arising from the lesions in the visual pathway, their symptoms and the methods of testing.

II. Write notes on: (4 x 5 = 20)

1. Post operative complications in hysterectomy.
2. Post operative complications in Prostatectomy.
3. Vestibular apparatus.
4. 'Rule of Nine' in burns.

III. Short answers: (5 x 2 = 10)

1. Audiometry.
2. Common ENT infections.
3. Extra ocular muscles.
4. Ear ossicles.
5. Color blindness.

[LK 6156]

FEBRUARY 2017

Sub. Code: 6156

**BOT EXAMINATION
SECOND YEAR
PAPER – II GENERAL MEDICINE, SURGERY, PAEDIATRICS, ENT,
OPHTHALMOLOGY AND PHARMACOLOGY**

Q.P. Code: 786156

Time: Three hours

Maximum: 100 Marks

Section A and B must be answered in SEPARATE Answer Book

SECTION – A

I. Elaborate on: (1 x 20 = 20)

1. Describe the etiology, pathology, clinical features and treatment of Pulmonary Tuberculosis.

II. Write notes on: (4 x 5 = 20)

1. Pulmonary embolism.
2. Primitive reflexes.
3. Immunization schedule.
4. Hypothyroidism.

III. Short answers on: (5 x 2 = 10)

1. Gowers's sign.
2. Routes of drug administration.
3. Heparin.
4. Source of infection.
5. Pigeon chest.

SECTION – B

I. Elaborate on: (1 x 20 = 20)

1. Discuss the various surgical incisions in detail. Outline the post operative complications of Cholecystectomy.

II. Write notes on: (4 x 5 = 20)

1. Audiometry.
2. Vitamin "A" deficiency.
3. Hearing Aids.
4. Post operative complications of Thyroidectomy.

III. Short answers on: (5 x 2 = 10)

1. Ear ossicles.
2. Keratitis.
3. Classifications of burns.
4. Optic chiasma.
5. Acute Suppurative Otitis Media (ASOM).

[LL 6156]

AUGUST 2017

Sub. Code: 6156

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2013-2014 onwards)
SECOND YEAR
PAPER – II GENERAL MEDICINE, SURGERY, PAEDIATRICS, ENT,
OPHTHALMOLOGY AND PHARMACOLOGY

Q.P. Code: 786156

Time: Three hours

Maximum: 100 Marks

Section A and B must be answered in SEPARATE Answer Book

SECTION – A

I. Elaborate on: **(1 x 20 = 20)**

1. Discuss the etiology, clinical features, complications and management of Osteoarthritis Knee.

II. Write notes on: **(4 x 5 = 20)**

1. Routes of drug administration.
2. Heparin.
3. Drug therapy and Parkinsonism.
4. Gestational diabetes.

III. Short answers: **(5 x 2 = 10)**

1. Spina bifida.
2. Perinatal causes for cerebral palsy.
3. AIDS.
4. Haemophilia.
5. Fallot's tetralogy.

SECTION – B

I. Elaborate on: **(1 x 20 = 20)**

1. How will you treat a child who has 40% burns due to hot water spillage?

II. Write notes on: **(4 x 5 = 20)**

1. Glaucoma.
2. Vestibular apparatus.
3. Post operative complications following Mastectomy.
4. Cataract.

III. Short answers: **(5 x 2 = 10)**

1. Conjunctivitis.
2. Hemianopia.
3. Chronic Suppurative Otitis Media (CSOM).
4. Lagophthalmos.
5. III Nerve Palsy.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LM 6156]

FEBRUARY 2018

Sub. Code: 6156

BOT DEGREE EXAMINATION

(Regulations for the candidates admitted from 2013-2014 onwards)

SECOND YEAR

**PAPER – II GENERAL MEDICINE, SURGERY, PAEDIATRICS, ENT,
OPHTHALMOLOGY AND PHARMACOLOGY**

Q.P. Code: 786156

Time: Three hours

Maximum: 100 Marks

Section A and B must be answered in SEPARATE Answer Book

SECTION – A

I. Elaborate on: (1 x 20 = 20)

1. Discuss the etiology, clinical features and management of Duchenne Muscular Dystrophy.

II. Write notes on: (4 x 5 = 20)

1. Megaloblastic anemia.
2. Anticoagulants.
3. ASD (Atrial Septal defect).
4. Parkinsonism.

III. Short answers on: (5 x 2 = 10)

1. Causes of acute flaccid paralysis in children.
2. Cyanosis.
3. Types of diabetes.
4. Presbycusis.
5. Barrel chest.

SECTION – B

I. Elaborate on: (1 x 20 = 20)

1. Briefly describe splinting methods for prevention of burns contractures.

II. Write notes on: (4 x 5 = 20)

1. Split skin graft.
2. National immunisation schedule.
3. Visual pathway.
4. Complications of mastectomy.

III. Short answers on: (5 x 2 = 10)

1. Name four abdominal surgical incisions.
2. Schedule of immunisation for Oral Polio Vaccine.
3. List four causes of hearing loss.
4. Clinical features of heart failure.
5. Clubbing.
