SECOND YEAR BOT EXAMINATION
(New Regulations for the candidates admitted from 2014-2015 onwards)
PAPER II – GENERAL MEDICINE SURGERY AND PAEDIATRICS, ENT, OPHTHALMOLOGY, PHARMACOLOGY

Q.P. Code: 786176

Time: Three hours   **Maximum: 50 Marks**
Section A and B must be answered in SEPARATE Answer Book
Draw suitable diagrams wherever necessary.

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

1. Define Muscular Dystrophy. Briefly describe the clinical features, and management of Duchenne Muscular Dystrophy.

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

1. Cushing's syndrome
2. Patent Ductus arteriosus
3. Anti-coagulants
4. Megaloblastic anemia

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

1. Define Emphysema
2. Funnel chest
3. Microcephaly
4. Athetosis
5. Postural Drainage

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

1. List the potential deformities due to Burns of the lower limb, methods of prevention & functional treatment measures.

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

1. Glaucoma
2. Pedicle graft
3. Progressive supranuclear palsy
4. Middle Ear

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

1. Lagophthalmos
2. Ossicles
3. Pfannenstiel incision.
4. List four complications of Thyroidectomy
5. Bitot's spots

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BOT EXAMINATION
SECOND YEAR
(New Regulations for the candidates admitted from 2014-2015 onwards)
**PAPER II – GENERAL MEDICINE SURGERY AND PAEDIATRICS, ENT,
OPHTHALMOLOGY, PHARMACOLOGY**

Q.P. Code: 786176

Time: Three hours   **Maximum: 100 Marks**
Section A and B must be answered in SEPARATE Answer Book
Draw suitable diagrams wherever necessary.

SECTION – A

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

1. What is Ischemic Heart Disease? Describe in detail the clinical features, investigations and management of Myocardial Infarction.

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

1. Clinical features of Hemophilia.
2. Bronchitis.
3. Obesity.
4. Kyphoscoliosis.

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

1. Corticosteroids.
2. Types of cerebral palsy.
3. Rickets.
4. Pigeon chest deformity.
5. Patent Ductus Arteriosus (PDA).

SECTION-B

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

1. Discuss in detail the post operative complications of Appendicectomy, Thyroidectomy.

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

1. Deformities due to burns.
2. Audiometry.
3. Vestibular apparatus.
4. Sinusitis.

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

1. Inner ear.
2. Trachoma.
3. Conjunctivitis.
4. Conductive deafness.
5. Nasal septum.

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BOT DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2014-2015 onwards)
SECOND YEAR
PAPER II – GENERAL MEDICINE SURGERY AND PAEDIATRICS, ENT,
OPHTHALMOLOGY, PHARMACOLOGY

Q.P. Code: 786176

Time: Three hours   **Maximum: 100 Marks**

Section A and B must be answered in SEPARATE Answer Book
Draw suitable diagrams wherever necessary.

SECTION – A

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

1. Discuss in detail the etiology, clinical features, investigations and management of Rheumatoid Arthritis.

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

1. Bronchial asthma.
2. Iron deficiency anemia.
3. Neonatal reflexes.
4. Deep vein thrombosis (DVT).

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

1. Atrial Septal Defect (ASD).
2. Tetanus.
3. Spina bifida.
4. Diclofenac.
5. Pulmonary embolism.

SECTION-B

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

1. Discuss in detail the post operative complications of Mastectomy and Cholecystectomy.

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

1. Hearing Aids.
2. Cataract.
3. Rule of nine in Burns.
4. Extra ocular muscles.

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

1. Cochlea.
2. Horner's syndrome.
3. Sensory deafness.
4. Hemianopia.
5. Lacrimal gland.

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BOT DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2014-2015 onwards)
SECOND YEAR
PAPER II – GENERAL MEDICINE SURGERY AND PAEDIATRICS, ENT, OPHTHALMOLOGY, PHARMACOLOGY

Q.P. Code: 786176

Time: Three hours   Maximum: 100 Marks

Section A and B must be answered in SEPARATE Answer Book
Draw suitable diagrams wherever necessary.

SECTION – A

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

1. What is Bronchiectasis? Describe in detail the pathology, clinical features, investigations and management of Bronchiectasis.

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

1. AIDS.
2. B_{12} deficiency anemia.
3. Causes for cerebral palsy.
4. Fallot's tetrology.

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

1. Streptomycin.
2. Types of diabetes.
3. Gower's sign.
4. Funnel chest deformity.
5. Pressure sore.

SECTION-B

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

1. Discuss in detail the various Abdominal incisions.

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

1. Classification of burns.
2. Visual pathway.
3. Chronic suppurative Otitis Media.
4. Causes for hearing loss.

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

1. Middle ear.
2. Glaucoma.
3. Vertigo.
4. Lagophthalmos.
5. Color blindness.

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[LN 6176]   **AUGUST 2018**   Sub. Code : 6176

BOT DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2014-2015 onwards)
SECOND YEAR
PAPER II – GENERAL MEDICINE SURGERY AND PAEDIATRICS, ENT, OPHTHALMOLOGY, PHARMACOLOGY

Q.P. Code: 786176

Time: Three hours   **Maximum: 100 Marks**

Section A and B must be answered in SEPARATE Answer Book
Draw suitable diagrams wherever necessary.

SECTION – A

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

1. Outline the pathogenesis, clinical features of Pulmonary Embolism and Deep Venous Thrombosis.

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

1. Prevention of infection.
2. Clinical features of Haemophilia.
3. Ventricular Septal Defect.
4. Acute Renal Failure.

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

1. Meningomyelocele.
2. List types of Pneumonia.
3. Herpex simplex.
4. Osteoarthritis.
5. Anti hypertensive drugs.

SECTION-B

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

1. Post operative complications of Thyroidectomy and Appendicectomy.

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

1. Deformities due to Burns and its prevention.
2. Complications of Diabetes Mellitus.
3. Abdominal Surgical incisions.
4. Pressure sores.

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

1. Benign Prostatic Hypertrophy.
2. Hemianopia.
3. Otitis Media.
4. Gastro Esophageal Reflux Disease.
5. Tetanus.

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

[LO 6176] **FEBRUARY 2019** Sub. Code : 6176

BOT DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2014-2015 onwards)
SECOND YEAR
PAPER II – GENERAL MEDICINE SURGERY AND PAEDIATRICS, ENT, OPHTHALMOLOGY, PHARMACOLOGY

Q.P. Code: 786176

Time: Three hours Maximum: 100 Marks

Section A and B must be answered in SEPARATE Answer Book
Draw suitable diagrams wherever necessary.

SECTION – A
I. Elaborate on: (1 x 20 = 20)

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

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

1. Hepatitis B.
2. Angina Pectoris.
3. Systemic Lupus Erythematosis.
4. Shock.

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

1. Fallot's Tetralogy.
2. Kyphoscoliosis.
3. Rheumatic Fever.
4. Addison's Disease.
5. Gastro oesophagial reflux disease.

SECTION-B
I. Elaborate on: (1 x 20 = 20)

1. Describe various Abdominal incisions in detail, including their indications, and complications.

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

1. Burns contractures.
2. Gestational Diabetes.
3. Immunization schedule.
4. Functions of vestibular apparatus.

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

1. Diuretics.
2. Vitamin A deficiency.
3. Herniorraphy.
4. Neonatal infections.
5. Meniere's disease.

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[LP 6176]   **AUGUST 2019**   Sub. Code : 6176

BOT DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2014-2015 onwards)
SECOND YEAR
PAPER II – GENERAL MEDICINE SURGERY AND PAEDIATRICS, ENT, OPHTHALMOLOGY, PHARMACOLOGY

Q.P. Code: 786176

Time: Three hours   **Maximum: 100 Marks**

Section A and B must be answered in SEPARATE Answer Book
Draw suitable diagrams wherever necessary.

SECTION – A

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

1. Classify Bleeding disorders. Discuss the clinical features, diagnosis and management of Hemophilia.

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

1. Acquired Immune Deficiency Syndrome [AIDS].
2. Osteoarthritis – etiology and clinical features.
3. Chest wall deformities.
4. Types of Pneumonia.

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

1. Anemia.
2. Name any two anti-hypertensive drugs.
3. Nosocomial infections.
4. Hypoglycaemia.
5. Hypnotics.

SECTION-B

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

1. Classify Burns by depth and surface area. Outline medical management and precaution in the early stage.

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

1. Post-operative complication of Mastectomy.
2. Visual disability evaluation.
3. Audiometry in assessment of hearing.
4. Vestibular apparatus.

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

1. Common ENT infections.
2. Vitamin-A deficiency.
3. Oral polio vaccine.
4. Leprosy.
5. Define Pharmacodynamics.

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

[LQ 6176]   **FEBRUARY 2020**   Sub. Code : 6176

BOT DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2014-2015 onwards)
SECOND YEAR
PAPER II – GENERAL MEDICINE SURGERY AND PAEDIATRICS, ENT, OPHTHALMOLOGY, PHARMACOLOGY

Q.P. Code: 786176

Time: Three hours   **Maximum: 100 Marks**

Section A and B must be answered in SEPARATE Answer Book
Draw suitable diagrams wherever necessary.

SECTION – A

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

1. Define Bronchial Asthma. Describe the etiology, clinical features, investigation and management of Bronchial Asthma.

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

1. Herpes Zoster.
2. Pernicious anemia.
3. Deep vein Thrombosis.
4. Acute Renal Failure.

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

1. Polymyositis.
2. Nosocomial infection.
3. Dysphagia.
4. Pneumoconiosis.
5. Types of Insulin.

SECTION-B

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

1. Describe the Post Operative complications of Thyroidectomy and Hysterectomy.

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

1. Parkinsonism.
2. Auto Immune Disease.
3. Cataract.
4. Chronic Suppurative Otitis Media.

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

1. Aspirin.
2. Trachoma.
3. Rickets.
4. Hydrocephalus.
5. Skin grafting.

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Time: Three hours   Answer ALL Questions   Maximum: 100 Marks

Section A and B must be answered in SEPARATE Answer Book
Draw suitable diagrams wherever necessary.

SECTION – A

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

1. Describe etiology, clinical features, complication and management of Osteoarthritis.

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

1. Obesity – Define and outline management.
2. Outline pathogenesis and clinical features of pulmonary embolism.
3. Discuss the types and clinical features of muscular dystrophy.
4. Outline the causes and prevention of measles.

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

1. Addison's disease.
2. Autoimmune disease.
3. Cyanosis.
4. Parkinsonism.
5. Non-steroidal anti-inflammatory drugs.

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. Classifications of Burns.
2. Causes of failing vision.
3. Gross and Fine motor development from the age of 5 to 10 years.
4. Outline common ENT infections, diseases and their management.

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

1. Parmacokinetics.
2. Microcephaly.
3. High risk Pregnancies.
4. Vasodilators.
5. Anxiety states.

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BOT DEGREE EXAMINATION
SECOND YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER II – GENERAL MEDICINE SURGERY AND PAEDIATRICS, ENT,
OPHTHALMOLOGY, PHARMACOLOGY (SEC A & SEC B)
Q.P. Code: 786176

Time: Three hours   Answer ALL Questions   Maximum: 100 Marks

Section A and B must be answered in SEPARATE Answer Book
Draw suitable diagrams wherever necessary.

SECTION – A

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

1. Define and discuss the clinical features, diagnosis and management of Chronic Obstructive Pulmonary disease.

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

1. Urinary tract infection.
2. Secondary Hypertension.
3. Classification of Cerebral Palsy.
4. Growth and development of a two-year-old child.

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

1. Scleroderma.
2. Tetanus.
3. Anti-inflammatory agents.
4. Chemotherapy.
5. High risk pregnancy.

SECTION-B

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

1. Outline Plastic surgery procedures and management in Rehabilitation of burns including Splint methods for common deformities.

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

1. Outline the anatomy and physiology of hearing.
2. Incisions for Appendicectomy.
3. Complications of Hysterectomy.
4. Assessment of 3rd Cranial nerve.

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

1. Occular muscles.
2. Hearing Aids.
3. Skin grafts.
4. Glaucoma.
5. Functions of middle ear.

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[BOT 0122]   **JANUARY 2022**   **Sub. Code: 6176**
(AUGUST 2021 EXAM SESSION)

BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
SECOND YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER II – GENERAL MEDICINE SURGERY AND PAEDIATRICS, ENT,
OPHTHALMOLOGY, PHARMACOLOGY (SEC A & SEC B)
Q.P. Code: 786176

Time: Three hours   **Answer ALL Questions**   **Maximum: 100 Marks**

Section A and B must be answered in SEPARATE Answer Book
Draw suitable diagrams wherever necessary.

SECTION – A

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

1. What is Bronchial Asthma? Discuss the etiology, clinical features, investigation and management of Bronchial Asthma.

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

1. Deep vein Thrombosis.
2. Acute Renal Failure.
3. Chest wall deformities.
4. Ventricular Septal Defect. (VSD)

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

1. Meningomyelocele.
2. Pressure sore.
3. Pulmonary embolism.
4. Complications of hypertension.
5. Clinical features of tuberculosis.

SECTION-B

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

1. What are the various abdominal surgical incisions? Discuss in detail the post operative complications of Appendicectomy, Thyroidectomy.

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

1. Audiometry.
2. 'Rule of Nine' in burns.
3. Eye lesions in leprosy.
4. Chronic suppurative otitis media.

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

1. Vertigo.
2. Vestibular apparatus.
3. Glaucoma.
4. Extra ocular muscles.
5. Lagophthalmus.

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BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
SECOND YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER II – GENERAL MEDICINE SURGERY AND PAEDIATRICS, ENT, OPHTHALMOLOGY, PHARMACOLOGY (SEC A & SEC B)
Q.P. Code: 786176

Time: Three hours   **Answer ALL Questions**   **Maximum: 100 Marks**

Section A and B must be answered in SEPARATE Answer Book
Draw suitable diagrams wherever necessary.
SECTION – A

I. Elaborate on: **(1 x 20 = 20)**
1. What are the risk factors for deep vein thrombosis? Describe the clinical features of pulmonary embolism and briefly mention about its management.

II. Write notes on: **(4 x 5 = 20)**
1. Shock.
2. Define high risk pregnancy.
3. Blindness in paediatric population.
4. Meningitis.

III. Short answers on: **(5 x 2 = 10)**
1. B12 deficiency anemia.
2. Polio prevention.
3. Varicella Zoaster infection.
4. Herniorraphy.
5. Tetanus.

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. Breast reconstruction.
2. Classify severity of burns and degree of involvement.
3. Pedicle graft.
4. Abdominal incision used and complications of Adrenalectomy.

III. Short answers on: **(5 x 2 = 10)**
1. Inner ear.
2. Pressure sores.
3. Presbyopia
4. Vertigo.
5. Blindness.

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BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
SECOND YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER II – GENERAL MEDICINE SURGERY AND PAEDIATRICS, ENT,
OPHTHALMOLOGY, PHARMACOLOGY (SEC A & SEC B)

Q.P. Code: 786176

Time: Three hours   Answer ALL Questions   Maximum: 100 Marks

Section A and B must be answered in SEPARATE Answer Book
Draw suitable diagrams wherever necessary.
SECTION – A

I. Elaborate on: **(1 x 20 = 20)**
   1. Classify the types of Anemia and discuss the causes, clinical features, investigations and management of Iron deficiency anemia.

II. Write notes on: **(4 x 5 = 20)**
   1. Management of Emphysema.
   2. Rheumatic fever.
   3. Prevention measures of HIV infections.
   4. Malnutrition in a child.

III. Short answers on: **(5 x 2 = 10)**
   1. Mode of spread and prevention of Tetanus.
   2. Scleroderma.
   3. Insulin.
   4. Steroids.
   5. Measles.

SECTION-B

I. Elaborate on: **(1 x 20 = 20)**
   1. Describe the classification, systemic effects, clinical features, complications and management of acute stages of Burns.

II. Write notes on: **(4 x 5 = 20)**
   1. Lung abscess.
   2. Post operative complications in Thyroidectomy.
   3. Inguinal hernia.
   4. Filariasis.

III. Short answers on: **(5 x 2 = 10)**
   1. Spleenectomy.
   2. Surgery in Obesity.
   3. Septic shock.
   4. Gangrene.
   5. Define Plastic Surgery.

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