

[LL 6180]

AUGUST 2017

Sub. Code: 6180

BOT DEGREE EXAMINATION
(New regulations for the candidates admitted from 2014-2015 onwards)
THIRD YEAR
PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND
FIRST AID

Q.P. Code: 786180

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. Describe the application of levels of prevention in Leprosy and write in detail the National Leprosy Eradication Program.
2. Mention the various occupational health hazards. Describe in detail the preventive measures to control them.

II. Write notes on: **(8 x 5 = 40)**

1. Community care of handicapped children.
2. Primary health centre.
3. Prevention and control of tuberculosis.
4. Rehabilitation in cerebrovascular accidents.
5. Prevention of protein energy malnutrition.
6. Lead poisoning.
7. Vaccine preventable diseases.
8. UNICEF.

III. Short answers on: **(10 x 2 = 20)**

1. Define shock.
2. Sullivan's Index.
3. Herd immunity.
4. Define fainting.
5. Disadvantages of Institution based Rehabilitation.
6. Define acute flaccid paralysis.
7. Psychological barriers of communication.
8. Disability adjusted life years.
9. Name four determinants of health.
10. Eligible couple.

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PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND
FIRST AID

Q.P. Code: 786180

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What is Pneumoconiosis? Discuss in detail the various occupational hazards in a sugar factory and measures to prevent them.
2. Briefly describe the National Immunization Schedule. Mention the hazards of adverse effects following Immunization.

II. Write notes on:

(8 x 5 = 40)

1. Epidemiological triad.
2. Role of health worker male in control of vector borne diseases.
3. Community participation.
4. Prevention of road traffic accidents.
5. Post exposure prophylaxis in rabies.
6. Web of causation of disease.
7. Eligible couple register.
8. Neonatal tetanus.

III. Short answers on:

(10 x 2 = 20)

1. Occupational hazards of farmers.
2. Any two advantages of Tube Feeding.
3. Maternity benefit under ESI act.
4. Natural history of disease.
5. Name three water borne diseases.
6. What is Zoonosis?
7. Enlist the basic resources for provision of health care.
8. Types of Rehabilitation.
9. First aid measures in a case of snake bite.
10. Primordial prevention.

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FIRST AID

Q.P. Code: 786180

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the following communicable diseases with reference to reservoir, mode of transmission, route of entry and levels of prevention.
a) Tuberculosis b) Filariasis
2. Definition, types of shock, common causes of shock, signs and symptoms of shock and assessment of shock.

II. Write notes on:

(8 x 5 = 40)

1. Role of health education in rehabilitation services.
2. Epidemiology of rheumatic heart disease.
3. Role of international health agencies in rehabilitation of the disabled.
4. Golden rules of first aid.
5. Rules for treatment of haemorrhage.
6. Artificial respiration: types and techniques.
7. Methods of transportation of Patients.
8. Inter personal relationship.

III. Short answers on:

(10 x 2 = 20)

1. Definition of first aid.
2. Enlist any four types of fractures.
3. Definition of Drowning.
4. List any two principles of health education.
5. Degrees of burns chart.
6. Any two first aid measures in dislocation of joints.
7. List any four etiology of Asphyxia.
8. Any two first aid measures in snake bite.
9. Classify the Wounds.
10. Enlist the influence of nutritional factors for protein Energy Malnutrition.

BOT DEGREE EXAMINATION
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THIRD YEAR
PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND
FIRST AID

Q.P. Code: 786180

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Eligible couple. Detail the family welfare program.
2. Enlist the aspect of school health and explain the role of Occupational Therapist in school health program.

II. Write notes on:

(8 x 5 = 40)

1. Principles of primary health care.
2. Preventive aspects of stroke.
3. Cardinal features of Leprosy.
4. Rehabilitation of mentally retarded child in the community.
5. Immunization schedule.
6. First aid management of spinal cord injured person.
7. Importance of mass health education.
8. Intrauterine contraceptive devices.

III. Short answers on:

(10 x 2 = 20)

1. Define occupational health.
2. Specify four cardinal features of rheumatic heart diseases.
3. What is primordial prevention?
4. Specify two causes of IMR.
5. What is passive immunity?
6. Specify the function of international labor organization.
7. Define pneumoconiosis.
8. Mention four criteria of good housing.
9. Sites of checking pulse.
10. Method of transporting spinal cord injured person.

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THIRD YEAR
PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND
FIRST AID

Q.P. Code: 786180

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Enlist the voluntary health agencies in India. Detail the functions of various health agencies.
2. Define health and detail the determinants of health with suitable examples.

II. Write notes on:

(8 x 5 = 40)

1. Role of male health worker in control of vector born diseases.
2. Benefits of ESI act.
3. Epidemiology of Leprosy.
4. Advantages of institution based rehabilitation.
5. Iodine deficiency disorder.
6. First aid management of neck injury.
7. Types of wounds.
8. Demographic cycle.

III. Short answers on:

(10 x 2 = 20)

1. Disability adjusted life years.
2. Specify indication of ryles tube feeding.
3. Advantages of no scalpel vasectomy.
4. Specify any two functions of World Health Organization.
5. Herd immunity.
6. List the four occupational hazards.
7. Eligible couple.
8. What is zoonosis?
9. Define dyspnoea.
10. List any two mortality rate.

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THIRD YEAR
PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND
FIRST AID

Q.P. Code: 786180

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the application of levels of prevention in Poliomyelitis and write in detail the Immunization for polio including the Pulse Polio Programme.
2. Describe the principles of health education and write about the role of health education in rehabilitation services.

II. Write notes on:

(8 x 5 = 40)

1. Anthracosis.
2. Filaria control programme.
3. 'Healthful school environment' under school health services.
4. Levels of health care.
5. Role of UNICEF.
6. Sickness absenteeism.
7. Management of drowning.
8. Rules for treatment of hemorrhage.

III. Short answers on:

(10 x 2 = 20)

1. Primary prevention.
2. Definition of health education.
3. First aid for dog bite.
4. Use of enema.
5. Splinting in case of fractures.
6. Define 'Health'.
7. List the Vitamin A deficiency diseases.
8. Disablement benefits under the Employees State Insurance Scheme (ESIS).
9. Complications of measles.
10. Disability Adjusted Life Years (DALYs).

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

[LR 1220]

**DECEMBER 2020
(AUGUST 2020 EXAMINATIONS)
BOT DEGREE EXAMINATION
(Regulation from 2014-2015 onwards)**

Sub. Code: 6180

**THIRD YEAR
PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND FIRST AID
Q.P. Code: 786180**

Time: Three hours

Answer ALL Questions Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the application of levels of prevention in Poliomyelitis and write in detail the Immunization for polio including the Pulse Polio Programme.
2. Describe the principles of Health Education and write about the role of Health Education in Rehabilitation Services.

II. Write notes on:

(8 x 5 = 40)

1. Anthracosis.
2. Filaria Control Programme.
3. 'Healthful School Environment' under School Health Services.
4. Levels of Health Care.
5. Role of UNICEF.
6. Sickness Absenteeism.
7. Management of Drowning.
8. Rules for treatment of Hemorrhage.

III. Short answers on:

(10 x 2 = 20)

1. Primary Prevention.
2. Definition of Health Education.
3. First Aid for Dog Bite.
4. Use of Enema.
5. Splinting in case of Fractures.
6. Define 'Health'.
7. List the Vitamin A Deficiency diseases.
8. Disablement benefits under the Employees State Insurance Scheme (ESIS).
9. Complications of Measles.
10. Disability Adjusted Life Years (DALYs).

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

[BOT 0921]

**SEPTEMBER 2021
(FEBRUARY 2021 EXAM SESSION)**

Sub. Code: 6180

BOT DEGREE EXAMINATION

THIRD YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)

PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND FIRST AID

Q.P. Code : 786180

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the following Communicable diseases with reference to reservoir, mode of transmission, route of entry and levels of prevention.
a) Encephalitis b) Measles
2. Outline the influence of Nutritional factors such as Protein Energy Malnutrition and Anaemia.

II. Write notes on:

(8 x 5 = 40)

1. Observation of Sputum.
2. Epidemiology of Cancer.
3. International Health Agencies in Rehabilitation of the Disabled.
4. Golden Rules of First Aid.
5. Simple Aseptic Technique.
6. Methods of giving Nourishment Through Feeding.
7. Define the role of Community Leaders in Health Education.
8. List the principles of Health education.

III. Short answers on:

(10 x 2 = 20)

1. Definition of Asphyxia.
2. Enlist any four types of Anaemia.
3. Definition of Drowning.
4. Enumerate any two roles of a first aider immediately after Fire.
5. Draw the Degrees of burns chart.
6. Any two first aid measures in Muscle Injuries.
7. List any four etiology of Vitamin Deficiency.
8. Any two first aid measures in Scalds.
9. Classify the Poisoning.
10. Enlist the influence of Nutritional factors for Anaemia.

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

[BOT 0122]

**JANUARY 2022
(AUGUST 2021 EXAM SESSION)**

Sub. Code: 6179

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
SECOND YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER V – CLINICAL NEUROLOGY
*Q.P. Code : 786179***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Cerebrovascular accidents-causes, clinical features and management.
2. What is Myasthenia Gravis? Discuss in detail regarding clinical presentation and etiology of Myasthenia Gravis.

II. Write notes on:

(8 x 5 = 40)

1. Spina Bifida.
2. Amyotrophic lateral sclerosis.
3. Basal ganglion and it's function.
4. Guillain- Barre syndrome.
5. Circle of wills.
6. Third cranial nerve palsy.
7. Degenerative disorders.
8. Sciatica.

III. Short answers on:

(10 x 2 = 20)

1. Dysdiadochokinesia.
2. Ulnar neuropathy.
3. Neurogenic Bladder.
4. Bell's palsy.
5. Facial nerve.
6. Cog wheel rigidity.
7. Gower's sign.
8. Frontal lobe.
9. Brachial plexus.
10. Wrist drop.

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

[BOT 0622]

**JUNE 2022
(FEBRUARY 2022 EXAM SESSION)**

Sub. Code: 6180

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
THIRD YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND FIRST AID
*Q.P. Code : 786180***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Specify the various Occupational Hazards and detail the role of Occupational Therapist in preventing Occupational hazards in the automobile industry.
2. Enlist the various National Health Programmes. Detail the Epidemiology of tuberculosis.

II. Write notes on:

(8 x 5 = 40)

1. Cardio Pulmonary Resuscitation.
2. Exclusive Breast Feeding.
3. First Aid for Snake Bite.
4. Epidemiological investigation of Cholera.
5. Comfort Measures.
6. Sarva Shiksha Abhiyan.
7. Levels of Prevention.
8. Concepts of Health.

III. Short answers on:

(10 x 2 = 20)

1. Define Ergonomics.
2. Specify any two signs and symptoms of Shock.
3. Signs and symptoms of Dengue Fever.
4. Specify two Zoonotic Diseases.
5. List the two indicators of Health.
6. What is Prevalence?
7. Define Cold Chain.
8. Mention two principles of Bandages.
9. Benefits of Splinting.
10. Mention elements of Communication.

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

[BOT 1022]

**OCTOBER 2022
(AUGUST 2022 EXAM SESSION)**

Sub. Code: 6180

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
THIRD YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND FIRST AID
*Q.P. Code : 786180***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are the levels of prevention? Describe each of them with suitable examples. How these levels of prevention are applied to prevent hypertension among adults in a community?
2. Mention the various occupational health hazards. Describe in detail the preventive measures to control them.

II. Write notes on:

(8 x 5 = 40)

1. Principles of Good House keepings.
2. Pre-placement examination.
3. Condom.
4. Community participation.
5. Anganwadi Worker.
6. Barriers in Health communication.
7. Surveillance in leprosy.
8. Role of health worker male in control of vector borne diseases.

III. Short answers on:

(10 x 2 = 20)

1. Cultural factors in the occurrence of Noenatal Tetanus.
2. Define drowning.
3. Name four determinants of Health.
4. Psychological barriers of communication.
5. What is Zoonosis?
6. STEPS approach in Non communicable diseases.
7. Emergency contraception.
8. Disability Adjusted Life Years.
9. Eligible Couple.
10. Physical Quality of Life Index.

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

[BOT 0423]

**APRIL 2023
(FEBRUARY 2023 EXAM SESSION)**

Sub. Code: 6180

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
THIRD YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND FIRST AID**

Q.P. Code: 786180

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a. Define occupational health. b. Discuss in detail about occupational hazards.
c. Discuss in detail the role of an occupational therapist in preventing occupational hazards.
2. a. Define health education. b. Discuss in detail about the objectives, principles, approaches of health education. c. Write in short about Audio Visual aids.

II. Write notes on:

(8 x 5 = 40)

1. Pasteurization of milk.
2. Principles of health education.
3. Pulse polio immunization.
4. Organo phosphorus poisoning.
5. Respiratory emergencies.
6. International Red Cross.
7. National family welfare programme.
8. Mosquito control measures.

III. Short answers on:

(10 x 2 = 20)

1. Define Reservoir.
2. Directly Observed Therapy, Short course (DOTS).
3. Write any four projected AV Aids.
4. What is meant by Surveillance?
5. Define Silicosis.
6. First Aid for scalds.
7. List down the cold chain equipments.
8. Types of fractures.
9. Write the multi bacillary drugs for leprosy.
10. Write any two principles of housekeeping.

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

[BOT 1123]

**NOVEMBER 2023
(AUGUST 2023 EXAM SESSION)**

Sub. Code: 6180

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
THIRD YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND FIRST AID**

Q.P. Code: 786180

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a. Describe the objectives and strategies of family Welfare programme. b. Discuss in detail about temporary methods of contraception.
2. a. Define epidemiology. b. Discuss in detail about the theories of diseases causation. c. Explain in detail about web of causation theory in myocardial infarction.

II. Write notes on:

(8 x 5 = 40)

1. Vaccine Preventable Diseases.
2. Intra uterine devices.
3. Employee State Insurance Schemes.
4. Epidemiological triad.
5. Demographic cycle.
6. Occupational cancers and preventive measures.
7. Primary health care.
8. Cold chain.

III. Short answers on:

(10 x 2 = 20)

1. Define eligible couple.
2. What is Ergonomics?
3. Herd immunity.
4. Any four Barriers of communication.
5. Define pandemic.
6. Sarva Siksha Abhiyan.
7. Symptoms of shock.
8. Any two activities of UNICEF.
9. Any four comfortable positions.
10. Treatment for epistaxis.

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

[BOT 0824]

AUGUST 2024

Sub. Code: 6180

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE EXAMINATION
THIRD YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND FIRST AID**

Q.P. Code: 786180

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Health. Explain in detail the various factors influencing health with examples.
2. Briefly describe the National Immunization Schedule. Mention the hazards of adverse effects following immunization.

II. Write notes on:

(8 x 5 = 40)

1. Functions of UNICEF.
2. Risk factors for Coronary Heart Disease.
3. Define Fainting. Write the signs of fainting.
4. Post exposure prophylaxis in rabies.
5. Social security measures for industrial workers.
6. Community participation.
7. Pasteurization of milk.
8. Management of patient with road traffic accident.

III. Short answers on:

(10 x 2 = 20)

1. Two characteristics of occupational cancers.
2. Any two advantages of Tube feeding.
3. Noise Induced Hearing Loss (NIHL).
4. Name three water borne diseases.
5. Passive smoking.
6. First aid measures in a case of snake bite.
7. Complications of Measles.
8. Cancer registry.
9. Natural history of disease.
10. Occupational Hazards for Health care workers.

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

[BOT 0225]

FEBRUARY 2025

Sub. Code: 6180

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
THIRD YEAR - (Regulations for the candidates admitted from 2014-2015 to 2021-2022)
PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND FIRST AID**

Q.P. Code: 786180

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe with reference to reservoir, mode of transmission, route of entry and levels of prevention of Tuberculosis.
2. Define occupational health and the hazards in health sector allied departments and list the methods of prevention of occupational diseases in Health sector. Add a note on any five benefits of ESI scheme.

II. Write notes on:

(8 x 5 = 40)

1. Wounds classification and management.
2. Attack rate and Secondary Attack rate.
3. Prevention of Road traffic accidents.
4. Factors affecting infant mortality.
5. Control of Rodents.
6. Assessment of obesity.
7. Define Impairment, Disability and Handicap with example.
8. Discuss strategy for prevention of Nosocomial infections.

III. Short answers on:

(10 x 2 = 20)

1. Types of Prevalence.
2. Relative Risk.
3. Four complications of Diabetes Mellitus.
4. Two live attenuated Bacterial vaccines.
5. Vital signs.
6. Four functions of Primary Health Centre.
7. Four health problems of Elderly.
8. Two complications of Malaria.
9. Nutritive Contents of Egg.
10. Four risk factors for Hypertension.

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

[BOT 0825]

AUGUST 2025

Sub. Code: 6180

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
THIRD YEAR - (Candidates admitted from the academic year 2014-2015 to 2021-2022)
PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND FIRST AID**

Q.P. Code: 786180

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Maternal Mortality. Describe the causes of Maternal mortality in India and preventive steps taken to reduce the mortality including National programs.
2. Discuss the epidemiology of Polio, clinical features, investigations, management and Prevention. Add note on Pulse Polio Immunization.

II. Write notes on:

(8 x 5 = 40)

1. Sensitivity and specificity.
2. Tools of Epidemiology.
3. Risk factors for Ischemic Heart Disease.
4. Sex Ratio and factors affecting adverse sex ratio.
5. Prevention of Genetic diseases.
6. Warning sign of Poor Mental Health.
7. Adverse events following Immunization.
8. Strategies to control and prevention of Tetanus.

III. Short answers on:

(10 x 2 = 20)

1. Proportional Mortality Rate.
2. Two examples of Zoonoses.
3. Two benefits of ESI Act.
4. Two differences between case control study and cohort study.
5. Mention XI A and B classification of Vitamin A deficiency as per WHO.
6. Models of Health education.
7. Barriers to Communication.
8. Four colours in Triage in Disaster Management.
9. Two food adulterants.
10. Two functions of WHO.
