

August 2011

[KZ 6263]

Sub. Code : 6263

BACHELOR OF PHYSIOTHERAPY EXAMINATION

**THIRD YEAR
PAPER V – COMMUNITY MEDICINE**

Q.P. Code : 746263

Time : Three hours

Maximum : 100 marks

ANSWER ALL QUESTIONS

I. LONG ESSAYS

(2X20=40)

1. Define leprosy. Write the WHO classification of leprosy. Discuss the epidemiology and treatment of leprosy. **(2+3+10+5)**
2. List the principles of health education, methods of communication and the role of health education in rehabilitation services. **(5+5+10)**

II. SHORT NOTES

(8X5=40)

1. Distinguish between Marasmus and Kwashiorkor.
2. Risk factors in Coronary Vascular Accidents.
3. Disability Adjusted Life Years.
4. Primordial Prevention.
5. Clinical spectrum of poliomyelitis.
6. Prevention of occupational hazards.
7. Anganwadi worker.
8. Indian Red Cross.

III. SHORT ANSWERS

(10X2=20)

1. Three cleans in the prevention of neonatal tetanus.
2. Cycles of transmission of Japanese Encephalitis virus.
3. Define health.
4. Define impairment. Give examples.
5. Maternity benefits under ESI act.
6. Hind Khust Nivaran Sangh.
7. Major manifestations in Rheumatic Fever.
8. Two advantages of Community Based Rehabilitation.
9. Advantages of Oral Polio Vaccine.
10. Goitrogens.

[LC 6263]

FEBRUARY 2013
THIRD YEAR BPT EXAM
PAPER V – COMMUNITY MEDICINE
Q.P. Code : 746263

Sub. Code: 6263

Time: Three Hours
(180 Min)

Maximum: 100 marks

I. Elaborate on: **(2X20=40)**

1. Write briefly about the epidemiology, including prevention and control of diabetes Mellitus.
2. Define family. What are the different types of families? Write about the role of family in community based rehabilitation.

II. Write Notes on: **(8X5=40)**

1. Prevention of foot ulcers in leprosy.
2. Acute flaccid paralysis.
3. National Nutritional Anaemia Prophylaxis Program.
4. Health problems of the geriatric age group.
5. Physical Quality of Life Index.
6. Natural history of disease.
7. World Health Organization.
8. Health messages for the public for control of HIV.

III. Short Answers: **(10X2=20)**

1. Immunization against measles.
2. Vector causing filariasis.
3. Name the services under ICDS.
4. Kangaroo mother care.
5. Factors which influence the incubation period in Rabies.
6. Modifiable factors for hypertension.
7. Cancer registry.
8. Body Mass Index.
9. Preventable blindness.
10. Census.

[LD 6263]

AUGUST 2013

Sub. Code: 6263

THIRD YEAR BPT EXAM
PAPER V – COMMUNITY MEDICINE
Q.P. Code : 746263

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. What is health education. Write down the principles of health education.
Discuss the role of health education in rehabilitation services.
2. Define Leprosy. Discuss the epidemiology and management of leprosy.

II. Write Notes on:

(8X5=40)

1. Mode of transmission of disease with examples.
2. Ergonomics.
3. Prevention for Rheumatic Heart Disease.
4. Risk factors for Cardio Vascular Diseases.
5. Prevention of Occupational Hazards.
6. Communication Barriers.
7. Cancer registry.
8. Primary Health Care.

III. Short Answers:

(10X2=20)

1. Four Sources of health statistics.
2. Infant Mortality Rate.
3. Preventable Blindness.
4. Acute Flaccid Paralysis.
5. Two vector control measures for Chikungunya.
6. Cases and carriers.
7. Define impairment. Give examples.
8. Secondary attack rate.
9. Triage.
10. Food fortification.

[LE 6263]

FEBRUARY 2014

Sub. Code: 6263

THIRD YEAR BPT EXAM
PAPER V – COMMUNITY MEDICINE
Q.P. Code : 746263

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Describe the epidemiology, prevention and control of Tuberculosis. Add a note on RNTCP
2. List out the nutritional problems in Public Health. Describe in detail the Protein Energy Malnutrition.

II. Write Notes on:

(8X5=40)

1. Oral Rehydration Salt solution
2. Measles vaccine
3. Vitamin A Prophylaxis Programme
4. UNICEF
5. Foot Care in Diabetes
6. Neurolathyrisms
7. Intra Uterine Contraceptive Device
8. Acculturation

III. Short Answers:

(10X2=20)

1. Four danger signs of Cancers
2. Any two uses of Incubation Period
3. Any four functions of Primary Health Centre
4. Four health problems due to Industrialization
5. Four dietary sources of Calcium
6. Four modifiable risk factors for Coronary heart Disease
7. Nuclear family
8. Iceberg Phenomenon
9. Physical barriers in Communication
10. Bagassosis

[LF 6263]

AUGUST 2014

Sub. Code: 6263

**THIRD YEAR BPT EXAM
PAPER V – COMMUNITY MEDICINE**

Q.P. Code : 746263

Time: Three hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Classify protein energy malnutrition. List out the causes and preventive measures at family, national and international level.
2. What are the benefits enjoyed by workers under the Employee State Insurance scheme?

II. Write Notes on:

(8X5=40)

1. Spectrum of disease
2. Principles of health education
3. Primordial prevention
4. Disability adjusted life years
5. Clinical spectrum of poliomyelitis
6. Body Mass Index
7. Balanced Diet
8. Primary Health Care

III. Short Answer:

(10X2=20)

1. Preplacement examination
2. Vitamin A deficiency
3. Sex ratio
4. Problem Family
5. Herd Immunity
6. GOBIFFF
7. Two vector control measures in dengue
8. Sullivan's index
9. Census
10. Passive smoking

[LG 6263]

FEBRUARY 2015

Sub. Code: 6263

**THIRD YEAR BPT EXAMINATION
PAPER V – COMMUNITY MEDICINE**

Q.P. Code : 746263

Time: Three hours

Maximum: 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Write down the principals of health education. Discuss the role of health education in rehabilitation service.
2. Discuss the epidemiology of Leprosy. Describe the rehabilitation measures for a patient with unilateral foot drop due to leprosy.

II. Write notes on:

(8 x 5 = 40)

1. Diet survey
2. Modes of transmission of diseases
3. Prevention of rheumatic heart disease
4. Role of family in Rehabilitation services
5. Acute Flaccid paralysis
6. National Immunization Schedule
7. Blanket treatment
8. Health effects of smoking

III. Short answers on:

(10 x 2 = 20)

1. List Four “Vitamin D” rich foods
2. Colostrum
3. Define infant Mortality Rate
4. Four sources of health statistics
5. Name the vector for dengue and list out two breeding sources for the vector
6. Write two functions of UNICEF
7. Bitot’s spots
8. Define food fortification with an example
9. Define Carrier with an example
10. Define quarantine

[LH 6263]

AUGUST 2015

Sub. Code: 6263

B.P.T. DEGREE EXAMINATION
THIRD YEAR
PAPER V – COMMUNITY MEDICINE

Q.P. Code: 746263

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail the problem of occupational cancer. List out the control measures for control of occupational cancer.
2. Define Handicap. Classify handicapped children. Describe the approaches to prevent handicap in children.

II. Write notes on:

(8 x 5 = 40)

1. Lead Poisoning.
2. Levels of prevention with examples.
3. Epidemiological triad.
4. Infant mortality rate.
5. Balanced diet.
6. Anganwadi Worker.
7. Risk factors for Hypertension.
8. Bio Medical Waste Management.

III. Short Answers on:

(10 x 2 = 20)

1. Define Health.
2. Two advantages of Community based rehabilitation.
3. Define seminar.
4. Define Human Development index.
5. List out two vector control measures for malaria.
6. Define maternal mortality rate.
7. List out two disadvantages of lecture.
8. Give two uses of growth chart.
9. List out two adverse effects of oral contraceptive pills.
10. Sex ratio.

[LI 6263]

FEBRUARY 2016

Sub. Code: 6263

**THIRD YEAR BPT EXAMINATION
PAPER V – COMMUNITY MEDICINE**

Q.P. Code : 746263

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the Health Care delivery system in India. Discuss in detail the staff pattern and functions of a Primary Health Centre.
2. Define Accident. List out the types of Accidents. Write a note on the prevention of Accidents.

II. Write notes on:

(8 x 5 = 40)

1. Census.
2. Nutritional health problems.
3. Sickness absenteeism.
4. Insecticide treated Bed nets.
5. Household purification of water.
6. Types of families.
7. Body Mass Index.
8. Causes and intervention for skeletal fluorosis.

III. Short answers on:

(10 x 2 = 20)

1. List out two items to be disposed into the red bin as per bio medical waste management rules.
2. List out two breeding places for the vector causing Filaria.
3. Define Epidemiology.
4. List two advantages of role play in health education.
5. Define Ergonomics.
6. Define Disaster.
7. List out two diseases transmitted by housefly.
8. List out four modifiable risk factors for Hypertension.
9. Define incubation period.
10. Index case.

[LJ 6263]

AUGUST 2016

Sub. Code: 6263

**THIRD YEAR BPT EXAMINATION
PAPER V – COMMUNITY MEDICINE**

Q.P. Code : 746263

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain the types of Communication. Discuss the role of physiotherapist in health education.
2. Discuss the health problem due to Industrialization. List out the measures for health protection of workers.

II. Write notes on:

(8 x 5 = 40)

1. Role of caregivers in community based rehabilitation.
2. Discuss DOTS strategy in control of Tuberculosis.
3. Staff & functions of primary health centre.
4. Food adulteration.
5. Prevention of Occupational Lung Diseases.
6. Types of Families.
7. Pre-placement examination.
8. Quarantine.

III. Short answers on:

(10 x 2 = 20)

1. Secondary attack rate.
2. Four dietary sources of iron.
3. Cancer registry.
4. Give two examples for food fortification.
5. Acculturation.
6. Define mitigation.
7. Iceberg phenomenon.
8. List four bio medical wastes that are disposed into the blue bin.
9. Couple protection rate.
10. Census.

[LK 6263]

FEBRUARY 2017

Sub. Code: 6263

**BPT DEGREE EXAMINATION
THIRD YEAR
PAPER V – COMMUNITY MEDICINE**

Q.P. Code : 746263

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail the health problems of the aged and the life style changes needed for healthy ageing.
2. Discuss the various modes of transmission of communicable diseases with suitable examples.

II. Write notes on:

(8 x 5 = 40)

1. Triage.
2. Risk factors for Diabetes.
3. Disability adjusted life years.
4. Types and advantage of mass media in communication.
5. Causes and prevention of accidents in industry.
6. Broken family.
7. Services delivered in ICDS centre.
8. Rule of halves in hypertension.

III. Short answers on:

(10 x 2 = 20)

1. Advantages of Oral Polio vaccine.
2. Define impairment with an example.
3. Immunization schedule for an antenatal mother.
4. List out two vector control measures for dengue.
5. Define symposium.
6. Define physical quality of life index.
7. List out two advantages of blackboard.
8. List out two items to be disposed into blue bin as for bio medical waste management rules.
9. Define primary care.
10. Two advantages of case control study design.

[LL 6263]

AUGUST 2017

Sub. Code: 6263

**BPT DEGREE EXAMINATION
THIRD YEAR
PAPER V – COMMUNITY MEDICINE**

Q.P. Code : 746263

Time: Three hours

Maximum : 100 Marks

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

1. Discuss the problem of Road Traffic Accidents in India. Explain in detail the risk factors and prevention of Road Traffic Accidents.
2. Discuss all levels of prevention with suitable examples.

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

1. Health care delivery system in India.
2. Pre-placement examination.
3. Communication Barrier.
4. Vitamin D deficiency.
5. Health hazards of passive smoking.
6. Anganwadi worker.
7. Prevention of foot ulcers in diabetes.
8. Triage in Disaster management.

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

1. Body Mass Index.
2. Index case.
3. Define Herd Immunity.
4. List four dimensions of health.
5. Define maternal mortality rate.
6. Define eradication of a disease with an example.
7. Odds ratio.
8. List four advantages of Intrauterine Contraceptive Device.
9. List four Dietary sources of calcium.
10. List four social problems.

[LM 6263]

FEBRUARY 2018

Sub. Code: 6263

**BPT DEGREE EXAMINATION
THIRD YEAR
PAPER V – COMMUNITY MEDICINE**

Q.P. Code : 746263

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail the control and prevention of locomotor disability and Rehabilitation strategies under National Vector borne Disease Control Programme.
2. Define Bio-medical waste. List out the sources of health care waste. Discuss in detail the health hazards of health care waste.

II. Write notes on:

(8 x 5 = 40)

1. Explain the role of physiotherapist in Industrial Health.
2. Aims of Epidemiology.
3. Intra Uterine Contraceptive Devices.
4. Objectives of Antenatal Care.
5. Disinfection of Well.
6. Early signs of Cancer.
7. Post Exposure Prophylaxis.
8. State Blindness control society.

III. Short answers on:

(10 x 2 = 20)

1. Dimensions of health.
2. What is incidence?
3. Growth rate.
4. Energy requirement of pregnant and lactating mothers.
5. Vaccine for measles.
6. Define health promotion.
7. Four dietary sources of iron.
8. Define disability.
9. Accredited social health activist.
10. Group health education.

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

[LN 6263]

AUGUST 2018

Sub. Code: 6263

**BPT DEGREE EXAMINATION
THIRD YEAR
PAPER V – COMMUNITY MEDICINE**

Q.P. Code : 746263

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail the control and prevention of locomotor disability and rehabilitation strategies under national programme for prevention and control of cancer, diabetes, cardiovascular disease and stroke.
2. What are the benefits enjoyed by workers under the Employee State Insurance Scheme?

II. Write notes on:

(8 x 5 = 40)

1. Explain the role of physiotherapist in poliomyelitis.
2. Analytical Epidemiology.
3. Oral Contraceptives.
4. Danger signs in Newborn.
5. Effects of Air Pollution.
6. Social Therapy in Sexually Transmitted Diseases.
7. Red ribbon club.
8. Rehabilitation Council of India.

III. Short answers on:

(10 x 2 = 20)

1. World Health Organisation definition of Health.
2. What is Prevalence?
3. Age Pyramid.
4. Indian Reference Woman.
5. Vaccine for Tetanus.
6. Define Health propaganda.
7. Disability Adjusted Life Years.
8. Define Impairment.
9. Medico Social Worker.
10. Focus group discussion.

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

[LO 6263]

FEBRUARY 2019

Sub. Code: 6263

**BPT DEGREE EXAMINATION
THIRD YEAR
PAPER V – COMMUNITY MEDICINE**

Q.P. Code : 746263

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail the control and prevention of locomotor disability and rehabilitation strategies under National Leprosy Eradication Programme.
2. Discuss the Health care delivery system in India. Discuss the importance of Multi sectoral coordination in primary health care.

II. Write notes on:

(8 x 5 = 40)

1. Explain the role of physiotherapist in ageing.
2. Principles of Epidemiology.
3. Hormonal Contraceptives.
4. Warning signs in pregnancy.
5. Modern sewage treatment plant.
6. Obesity control and prevention.
7. Personal protective equipments.
8. Institutional based rehabilitation.

III. Short answers on:

(10 x 2 = 20)

1. Positive Health.
2. What is Surveillance?
3. Sex Ratio.
4. Indian Reference Man.
5. Vaccine for Rabies.
6. Define Health education.
7. Health Adjusted Life Expectancy.
8. Define Handicap.
9. Anganwadi worker.
10. Mass media.

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

[LP 6263]

AUGUST 2019

Sub. Code: 6263

**BPT DEGREE EXAMINATION
THIRD YEAR
PAPER V – COMMUNITY MEDICINE**

Q.P. Code : 746263

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe various levels of prevention and interventions with examples.
2. Discuss the epidemiology of Diabetes Mellitus and write in detail about the control and prevention of the same.

II. Write notes on:

(8 x 5 = 40)

1. Ice-berg phenomenon.
2. Prevention of Xerophthmia.
3. Warning signals of poor mental health.
4. Types of communication.
5. Elements of primary health care.
6. UNICEF.
7. Health problems of the aged.
8. Factors affecting infant mortality.

III. Short answers on:

(10 x 2 = 20)

1. Pearl index.
2. Uses of growth chart.
3. Model menu for a mid-day school meal.
4. Triage.
5. What is Weaning?
6. Still birth rate.
7. Ergonomics.
8. Modifiable risk factors in hypertension.
9. Herd Immunity.
10. Define pandemic.

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

[LQ 6263]

FEBRUARY 2020

Sub. Code: 6263

**BPT DEGREE EXAMINATION
THIRD YEAR
PAPER V – COMMUNITY MEDICINE**

Q.P. Code : 746263

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write about the epidemiology, prevention and control of Anterior Polio Myelitis.
2. Define Emporiatrics. Explain in detail the health advice given to international travelers.

II. Write notes on:

(8 x 5 = 40)

1. Functions of family.
2. Ergonomics.
3. Herd immunity.
4. Oral rehydration solution.
5. Health hazards of noise pollution.
6. National nutritional anaemia prophylaxis programme.
7. Kangaroo mother care.
8. Modifiable risk factors for hypertension.

III. Short answers on:

(10 x 2 = 20)

1. Four dietary sources of iron.
2. Four physical barriers in communication.
3. List four biomedical wastes that are disposed into the yellow bin.
4. Acculturation.
5. Define Primary Health Care.
6. List four health problems of geriatric population.
7. Advantages of oral polio vaccine.
8. Define cyclo-developmental transmission with an example.
9. List four vector control measures in dengue fever.
10. Couple protection rate.

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

[LR 1220]

**DECEMBER 2020
(AUGUST 2020 EXAM SESSION)**

Sub. Code: 6263

**BPT DEGREE EXAMINATION
THIRD YEAR
PAPER V – COMMUNITY MEDICINE
Q.P. Code : 746263**

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 Program.
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 program.
3. 'Healthful school environment' under school health services.
4. Levels of health care.
5. Role of UNICEF.
6. Sickness absenteeism.
7. Prevention of foot ulcers in Leprosy.
8. Intra uterine contraceptive device.

III. Short answers on:

(10 x 2 = 20)

1. Primary prevention.
2. Definition of health education.
3. Define 'Health'.
4. List the Vitamin A deficiency diseases.
5. Disablement benefits under the Employees State Insurance Scheme (ESIS).
6. Complications of measles.
7. Disability Adjusted Life Years (DALYs).
8. Census.
9. Cancer registry.
10. Modifiable factors for hypertension.

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

[BPT 0122]

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

Sub. Code: 6263

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
THIRD YEAR**

PAPER V – COMMUNITY MEDICINE

Q.P. Code: 746263

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the various modes of transmission of diseases with suitable examples.
2. What is protein energy malnutrition? Describe in detail about the management of protein energy malnutrition.

II. Write notes on:

(8 x 5 = 40)

1. Physical quality of life index.
2. Define active immunity.
3. Criteria for screening.
4. Risk factors for hypertension.
5. Janani Suraksha Yojana.
6. Fertility factors.
7. Principles of artificial feeding.
8. Types of learning.

III. Short answers on:

(10 x 2 = 20)

1. Iceberg of disease.
2. Validity.
3. Growth rates.
4. Sex ratio.
5. Family planning.
6. Rooming-in.
7. Toned milk.
8. Ergonomics.
9. Barriers of communication.
10. Odds ratio.
