

[KD 913]

Sub. Code : 5146

**BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

Fourth/Sixth Semester

(Revised/Modified Regulations)

Paper I — COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

1. Answer any TWO questions : (2 × 15 = 30)
 - (a) Briefly discuss the epidemiology of leprosy. Describe the application of levels of prevention in leprosy.
 - (b) Discuss the cultural factors in health and disease. Mention the health aspects of family welfare programme.
 - (c) Describe briefly the occupational health hazards and its preventive measures.
2. Write short notes on any FIVE of the following : (5 × 4 = 20)
 - (a) Sickness absenteeism.
 - (b) Goitre.
 - (c) Condom.

- (d) Role of community leader in health education.
 - (e) Nutritional anaemia.
 - (f) Rehabilitation.
 - (g) AIDS.
3. Answer any TWO of the following : (2 × 15 = 30)
 - (a) Describe in detail the revised national tuberculosis control programme.
 - (b) Discuss the epidemiology of Rheumatic heart disease and its control measures.
 - (c) What are the common causes for cancer? Mention its control measures.
4. Write short notes on any FIVE of the following : (5 × 4 = 20)
 - (a) Vit. D.
 - (b) Iodine.
 - (c) Oral pills.
 - (d) Intensive pulse polio immunisation.
 - (e) Meningitis.
 - (f) Sanitation Barrier.
 - (g) UNICEF.

[KE 913]

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BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.

Fourth/Sixth Semester

(Revised/Modified Regulations)

(Common to BPT/BOT)

Paper I — COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following : (20)

(a) Describe prevention of stroke.

Or

(b) Outline agent, host and environmental factors in the natural history of disease. Outline levels of prevention for poliomyelitis.

2. Write short notes on any SIX : (6 × 5 = 30)

(a) Food Adulteration

(b) Iceberg phenomenon of disease

(c) Eligible couple

(d) Primary prevention

(e) Occupational hazards

(f) Carrier state

(g) Oral Polio vaccine

(h) Passive Immunity

(i) Septic Tank

(j) Zoonosis.

3. Answer ONE in detail : (20)

(a) Define Occupational health. Describe the methods of prevention of occupational diseases and hazards.

Or

(b) Define Rabies. Discuss distribution, agent factors and carrier state of Rabies. Outline treatment discuss vaccine and post exposure prophylaxis.

4. Write short notes on any SIX : (6 × 5 = 30)

(a) Malaria eradication programme

(b) Audio visual aids

(c) Mode of transmission of AIDS

(d) Lead poisoning

(e) Incubation period

(f) Vocational rehabilitation in leprosy

(g) Concept of disability

(h) Social security

(i) Workman's compensation Act

(j) Ergonomics.

**BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

Fourth/Sixth Semester

(Revised/Modified Regulations)

(Common to BPT/BOT)

Paper I — COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

1. Answer any TWO questions : (2 × 15 = 30)

(a) Describe the epidemiology of Japanese Encephalitis. Write briefly about the measures taken to control this disease.

(b) Define Primary Health Care. How is primary health care delivered to the community in India.

(c) Write briefly about the epidemiology, prevention and control of tetanus.

2. Write short notes on any FIVE of the following :

(5 × 4 = 20)

- (a) Accidents in industry
- (b) The Factories Act
- (c) Culture
- (d) Oral Contraceptives
- (e) Primary Prevention
- (f) National Leprosy Eradication programme.
- (g) Socio-economic status.

3. Answer any TWO questions : (2 × 15 = 30)

a. Write briefly about the different methods of health education. What is the role of health professionals in health education.

b. Define community based rehabilitation. Describe the advantages and disadvantages of community based rehabilitation.

c. Write briefly about the epidemiology, prevention and control of Diabetes mellitus.

4. Write short notes on any FIVE of the following

(5 × 4

- (a) Protein Energy malnutrition
- (b) Barriers in communication
- (c) Fluorosis
- (d) Risk factors for Coronary Heart Disease
- (e) Rehabilitation in Cerebro Vascular Accidents
- (f) International Red Cross
- (g) Fats in disease.

[KH 913]

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BACHELOR OF PHYSIOTHERAPY
DEGREE EXAMINATION.

Fourth/Sixth Semester

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(Common to BPT/BOT)

Paper I — COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

1. Answer any TWO of the following : (2 × 15 = 30)

(a) Describe the various levels of prevention in tuberculosis and write in detail the Revised National Tuberculosis control programme.

(b) Describe the Epidemiology of poliomyelitis and its control measures.

(c) Outline the role of community leaders and health peogeninds in health education. Write in detail the various audio visual aids used in health education.

2. Write short notes on any FIVE of the following :
(5 × 4 = 20)

- (a) Iodine deficiency
- (b) Prevention and control of Tetanus
- (c) Condom
- (d) Health Sub Centre
- (e) Community based Rehabilitation
- (f) Prevention of protein energy malnutrition
- (g) Sickness absenteeism.

- (d) Intra uterine contraceptive devices
 - (e) Principles of primary health care
 - (f) Tertiary prevention in stroke
 - (g) Lead poisoning.
-

3. Answer any TWO of the following : (2 × 15 = 30)

(a) Discuss the social, economic and cultural factors of health and disease and describe the natural history of disease using infectious disease as a model.

(b) Describe the epidemiology of rheumatic heart disease and its prevention.

(c) Describe the occupational health hazards and its preventive measures.

4. Write short notes on any FIVE of the following :
(5 × 4 = 20)

- (a) UNICEF
- (b) Prevention and control of filarians
- (c) Xerophthalmie

[KH 956]

Sub. Code : 5812

BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.

Sixth/Fourth Semester

(New Modified Regulations)

Paper I — COMMUNITY MEDICINE

(Common to BPT and BOT)

Time : Three hours

Maximum : 100 marks

1. Answer any TWO questions : (2 × 15 = 30)

(a) Define Primary Health Care. Describe the principles and elements of Primary Health care.

(b) Briefly describe the various services provided under the reproductive and child health programme.

(c) Describe the various Health promotional measures for the industrial workers.

2. Write short notes on any FIVE of the following :
(5 × 4 = 20)

- (a) Epidemiological Triad
- (b) Pulse Polio Immunization
- (c) Vaccine Preventable Diseases
- (d) Couple protection rate
- (e) Primordial prevention ✓
- (f) UNICEF
- (g) Perinatal Mortality Rate.

3. Answer any TWO questions : (2 × 15 = 30)

(a) Mention the micronutrients responsible for causing anemia and describe any one in detail. ✓

(b) Describe the various approaches you will adopt to educate a group of mothers about family planning.

(c) Describe the epidemiology of cerebrovascular accidents and preventive measures.

4. Write short notes on any FIVE of the following
(5 × 4 = 20)

- (a) Oral Rehydration salt ✓
- (b) Bagassosis
- (c) Fat soluble vitamins
- (d) Low Birth Weight Babies
- (e) Passive Immunization ✓
- (f) Fluorosis
- (g) Pasteurization of Milk.

[KI 956]

Sub. Code : 5812

BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.

Sixth/Fourth Semester

(New Modified Regulations)

Paper I — COMMUNITY MEDICINE

(Common to BPT and BOT)

Time : Three hours

Maximum : 100 marks

Answer any TWO questions : $(2 \times 15 = 30)$

(a) Describe the various functions of primary health centre and its role in primary health care.

(b) Describe the Employees State Insurance scheme and its benefits.

(c) List out various types of occupational hazards and discuss the prevention of any one of the biological hazards.

Write short notes on any FIVE of the following :
 $(5 \times 4 = 20)$

(a) Workman's Compensation Act.

(b) Social security schemes in India.

(c) Oral Polio Vaccine.

(d) Monitoring in community based rehabilitation.

(e) Methods of Health education.

(f) Prevention of Japanese encephalitis.

(g) Screening for a disease.

3. Answer any TWO questions : $(2 \times 15 = 30)$

(a) Describe the Epidemiology, prevention and control of diabetes mellitus.

(b) Discuss the salient features of different modes of transmission of communicable diseases.

(c) Describe the role of health education with examples in the prevention of disability and handicap.

4. Write short notes on any FIVE of the following :
 $(5 \times 4 = 20)$

(a) Incubation period

(b) Cold chain

(c) Pulse polio programme

(d) Industrial accidents

(e) Institutional rehabilitation

(f) Iodine deficiency disease

(g) Neonatal Tetanus.

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Sub. Code : 5146

**BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

Fourth/Sixth Semester

(Revised/Modified Regulations)

(Common to BPT/BOT)

Paper I — COMMUNITY MEDICINE

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

MCQ : Twenty minutes MCQ : 20 marks

MCQ must be answered **SEPARATELY** on the answer
sheet provided as per the instructions on the first
page of MCQ Booklet.

Draw suitable diagrams wherever necessary.

Answer **ALL** questions.

I. Essay Questions. (2 × 15 = 30)

Each question carries 15 marks.

1. Describe the natural history and epidemiology of
Tuberculosis. What are the measures taken by the
Government for Prevention and Control of Tuberculosis
in India. (15)

2. Write in detail about the Employees State
Insurance Scheme — ESI, and discuss about the various
benefits. (15)

II. Short notes : (10 × 5 = 50)

Each question carries 5 marks.

- (a) Definition of Health
- (b) Prevention of foot ulcers in leprosy
- (c) Oral polio vaccine
- (d) Prevention of Road Traffic Accidents
- (e) Child Survival and Safe Motherhood
Programme (CSSM).
- (f) Oral Rehydration therapy
- (g) Acute flaccid paralysis
- (h) Elimination of Neo natal tetanus
- (i) Protein energy malnutrition
- (j) Health education to prevent vitamin
deficiency.

[KJ 956]

Sub. Code : 5812

**BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

Sixth/Fourth Semester

(New Modified Regulations)

Paper I — COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
Forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

M.C.Q. must be answered **SEPARATELY** on the
answer sheet provided as per the instructions on
the first page of the M.C.Q. Booklet.

Answer **ALL** questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

Answer **ALL**. Each carries 15 marks : (2 × 15 = 30)

1. Describe the epidemiology of Leprosy in India.
Enumerate the various deformities in Leprosy and
explain the measures to prevent them, and treat them.

(15)

2. List the risk factors for Primary Hypertension.
What are the different types of Cerebro Vascular
Accidents that can occur in a hypertensive patient, and
what are the sequale? How will you prevent
hypertension in a community? (15)

II. Short Notes :

Answer **ALL**. Each carries 5 marks : (10 × 5 = 50)

- (a) Natural decline of Tuberculosis.
- (b) Oral cancer and its prevention.
- (c) Blanket treatment.
- (d) Pneumoconiosis.
- (e) Community based rehabilitation in Leprosy.
- (f) Pulse polio immunisation.
- (g) Prevention of Japanese B encephalitis.
- (h) Marasmus clinical features.
- (i) Prophylaxis for rheumatic heart disease.
- (j) Night blindness treatment and prevention.

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Fourth/Sixth Semester

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(Common to BPT/BOT)

Paper I — COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Draw suitable diagrams wherever necessary.

Answer ALL questions.

I. Essay Questions :

(2 × 15 = 30)

(1) Describe the various levels of prevention with suitable examples.

Write briefly how these levels of prevention are applied to prevent poliomyelitis among young children in a community.

(2) What are the various Social and Health problems due to industrialization?

Discuss in detail various preventive measures adopted in the industry to protect the health of the workers.

II. Short notes :

(10 × 5 = 50)

(a) Principles and elements of Primary Health Care.

(b) Effects of global warming.

(c) Social factors influencing health and disease.

(d) National Nutritional Anaemia Prophylaxis Program.

(e) Benefits of ESI Scheme.

(f) Community based rehabilitation program.

(g) Prevention of Cerebro Vascular Accidents.

(h) Epidemiologic triad and its significance.

(i) Vaccine preventable diseases.

(j) Health problems of the old people.

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Sixth/Fourth Semester

(New Modified Regulations)

Paper I — COMMUNITY MEDICINE

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

MCQ : Twenty minutes

MCQ : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay Questions : (2 × 15 = 30)

(1) Enlist the common social diseases prevalent in India. Discuss in detail the Epidemiology, prevention and control of Pulmonary Tuberculosis. (15)

(2) Enumerate the aims and objectives of Health Education. Discuss in detail the various methods of Health Education including advantages and disadvantages of each method. (15)

II. Short notes :

(10 × 5 = 50)

- (a) Social Security Measures in India.
- (b) Uses of Epidemiology.
- (c) Active and passive immunization with suitable examples.
- (d) Modifiable risk factors in coronary heart diseases.
- (e) Occupational Hazards of Agricultural Workers
- (f) Factory Laws in India.
- (g) Functions of a Primary Health Centre.
- (h) Physical Quality of Life Index.
- (i) Importance of Sickness absenteeism.
- (j) Causes of Mental illness.