

[KM 913]

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  
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 :

(2 × 15 = 30)

(1) Discuss the epidemiology of tuberculosis. What are the activities carried out under revised national tuberculosis control programme.

(2) What are the social security measures available in India? Describe about any one of the schemes.

II. Short notes :

(10 × 5 = 50)

- (a) Principles of Health education
- (b) Levels of prevention
- (c) Prevention of tetanus
- (d) Advantages and disadvantages of community based rehabilitation
- (e) Oral contraceptives
- (f) Prevention of Rheumatic heart disease
- (g) UNICEF
- (h) Lead poisoning
- (i) Iron deficiency anaemia
- (j) Rehabilitation in leprosy.

February-2005

[KM 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

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Essay :

(2 × 15 = 30)

(1) Discuss about the various factors responsible  
for protein energy malnutrition. Write note on the  
management of malnourished children.

(2) Discuss about the epidemiology and  
prevention of rheumatic heart disease.

II. Short Notes :

(10 × 5 = 50)

- (a) Natural history of stroke.
- (b) Polio vaccines.
- (c) Intra uterine contraceptive devices.
- (d) Tertiary prevention in Leprosy.
- (e) Advantages and disadvantages of institution  
based rehabilitation.
- (f) Prevention of meningococcal meningitis.
- (g) Barriers of communication.
- (h) Vitamin A deficiency.
- (i) Asbestosis.
- (j) Epidemiological triad.

August-2005

[KN 913]

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  
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions : (2 × 15 = 30)

(1) What is community based Rehabilitation?  
Discuss in detail the various Rehabilitative measures  
for a child with paralytic poliomyelitis.

(2) What is pneumoconiosis? Discuss in detail  
the various occupational hazards in a sugar factory and  
measures to prevent them.

II. Short notes :

(10 × 5 = 50)

- (a) Oral polio vaccine.
- (b) Advantages of Institutional Rehabilitation.
- (c) Nutritional blindness.
- (d) Functions of a primary health centre.
- (e) Rehabilitation of a Leprosy patient with foot drop.
- (f) Advantages and disadvantages of mass media in health education.
- (g) Medical benefits under ESI Act.
- (h) Sickness absenteeism.
- (i) Prevention of Rheumatic heart disease.
- (j) Preplacement examination.

[KN 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                      Theory : 80 marks  
forty minutes

M.C.Q. : Twenty minutes                      M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Essay questions :                      (2 × 15 = 30)

(1) What is community based Rehabilitation?  
Discuss in detail the various Rehabilitative measures  
for a Leprosy patient with claw hand.

(2) Define a factory. Discuss in detail the  
various benefits to employees under Employees State  
Insurance Act.

II. Write short notes on :                      (10 × 5 = 50)

(a) Epidemiological triad

(b) Disability limitation

(c) Pulse Polio Immunisation

(d) Vocational guidance

(e) Health care delivery at village level

(f) Prevention of Japanese encephalitis

(g) Risk factors for cerebro vascular accident

(h) Principles of health education

(i) Hind Kust Nivaran Sangh

(j) Nutritional Rehabilitation.

---

[KO 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                      Theory : 80 marks  
forty minutes

M.C.Q. : Twenty minutes                      M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay : (2 × 15 = 30)

1. Define health education. List the principles of health education. Discuss the role of health education in rehabilitation in respect of cerebro vascular accident.  
(3 + 5 + 7)

2. Define Ergonomics. What are the various engineering and medical measures for the prevention of occupational diseases?  
(3 + 6 + 6)

II. Write short notes on : (10 × 5 = 50)

- (a) Ice berg phenomenon
- (b) Barrier methods of family planning
- (c) Advantages and disadvantages of community based rehabilitation
- (d) Prevention of Rheumatic heart disease
- (e) Services of UNICEF
- (f) Primary health centre
- (g) B.C.G vaccine
- (h) Sullivan's index
- (i) Medical benefit under Employees State Insurance Act
- (j) Prevention of Iodine Deficiency Disorders.

[KP 956]

Sub. Code : 5812

**BACHELOR OF PHYSIOTHERAPY DEGREE  
EXAMINATION.**

### Fourth/Sixth Semester

[New Modified Regulations]

(Common to BPT/BOT)

## Paper I — COMMUNITY MEDICINE

**Time : Three hours** **Maximum : 100 marks**

|                                                 |                          |
|-------------------------------------------------|--------------------------|
| <b>Theory : Two hours and<br/>forty minutes</b> | <b>Theory : 80 marks</b> |
|-------------------------------------------------|--------------------------|

M.C.Q. : Twenty minutes                      M.C.Q. : 20 marks

Answer ALL questions.

**Draw suitable diagrams wherever necessary.**

1. Essay:

1. Define malnutrition. Discuss the various factors responsible for protein energy malnutrition. Write briefly about the measures to prevent protein energy malnutrition. (20)

2. Define social security. Mention various acts in relation to the health and welfare of the worker. Discuss in detail about the factories act 1948. (15)

3. Describe the agent, host and social factors in tuberculosis. Write briefly about the measures taken to control this disease. (15)

II. Write short notes on: (6 × 5 = 30)

- (a) M.T.P. act 1971.
- (b) Modes of intervention.
- (c) Polio eradication strategies.
- (d) Physical quality of life index.
- (e) Types of communication.
- (f) Community participation.

**[KQ 956]**

**Sub. Code : 5812**

**BACHELOR OF PHYSIOTHERAPY DEGREE  
EXAMINATION.**

**Sixth Semester BPT/ Fourth Semester BOT**

**(Modified/New Modified Regulations)**

**(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**

**Answer ALL questions.**

**Draw suitable diagrams wherever necessary.**

**I. Essay :**

1. Describe the agent, host and socio-environmental factors in Leprosy. Write briefly about the measures taken to control this disease by the Government. (20)

2. Describe the various measures of prevention and methods of intervention in dealing with disabilities. (15)

3. Define occupational health and discuss the methods of prevention of occupational hazards. (15)

**II. Write short notes on :**

**(6 × 5 = 30)**

(a) Natural history of diseases.

(b) Health subcentre

(c) Iron Deficiency Anaemia.

(d) Barriers in communication.

(e) World Health Organisation (W.H.O.)

(f) Vector control methods.

**[KR 956 (PTY)]**

**Sub. Code : 6221**

**BACHELOR OF PHYSIOTHERAPY DEGREE  
EXAMINATION.**

### Third Year

### Non-Semester Regulations

## Paper IV.—COMMUNITY MEDICINE

**Time : Three hours** **Maximum : 100 marks**

|                                         |                   |
|-----------------------------------------|-------------------|
| Theory : Two hours and<br>forty minutes | Theory : 80 marks |
|-----------------------------------------|-------------------|

M.C.Q. : Twenty minutes                      M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

(1) Health Education for control of Poliomyelitis — Discuss content of the health education and method of giving it. (15)

(2) Vitamin A Deficiency — Discuss effects, causes and its prevention. (15)

II. Write Short notes on :

(10 × 5 = 50)

- (a) Levels of prevention.
- (b) Rehabilitation in leprosy.
- (c) Services provided by a female health worker (VHN).
- (d) Universal Immunisation Programme.
- (e) Fluorosis.
- (f) Medical benefits under ESI.
- (g) "Notification" in occupational health.
- (h) Advantages of Community based rehabilitation.
- (i) Rehabilitation in refugees.
- (j) Role models in the community for health.

[KR 956]

Sub. Code : 5812

BACHELOR OF PHYSIOTHERAPY DEGREE  
EXAMINATION.

Sixth Semester BPT/Fourth Semester BOT

(Modified/New Modified Regulations)

(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

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

1. (a) Define vector. (2)
- (b) What are the general description of Aedes mosquito? (4)
- (c) State one disease that is transmitted by Aedes mosquito and its prevention. (9)

2. (a) Write briefly about epidemiology of rheumatic heart disease. (5)

(b) The criteria for diagnosis and (5)

(c) its Prevention. (5)

II. Short notes : (10 × 5 = 50)

- (a) Food sanitation.
- (b) Social engineering phase.
- (c) Vitamin A prophylaxis programme.
- (d) Epidemiology of meningococcal meningitis.
- (e) Universal immunization.
- (f) Factories Act.
- (g) Indian Red Cross Society.
- (h) Occupational cancers.
- (i) Fertility trend in India.
- (j) Infant mortality rate.

**FEBRUARY 2008**

**[KS 956]**

**Sub. Code : 5812**

**BACHELOR OF PHYSIOTHERAPY DEGREE  
EXAMINATION.**

**Third Year — Non-Semester**

**Sixth Semester BPT/Fourth Semester BOT**

**(Modified/New Modified Regulations)**

**(Common to BPT/BOT)**

**COMMUNITY MEDICINE**

**Q.P. Code : 745812**

**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**

**Answer ALL questions.**

**I. Essay : (2 × 15 = 30)**

**1. Describe the epidemiology of Leprosy. Discuss in detail the classification and management of Leprosy under National Leprosy Eradication Programme. (7 + 8)**

**2. Define Health Education. Write down the principles of Health Education. Describe the various methods of group health education. (2 + 5 + 8)**

**II. Write short notes on : (10 × 5 = 50)**

- 1. Pulse Polio Immunisation Programme.**
- 2. Prevention of Neo-natal Tetanus.**
- 3. Barrier method of contraception.**
- 4. Sickness Absentism.**
- 5. Services of UNICEF.**
- 6. Cold chain system.**
- 7. Active and Passive immunity.**
- 8. Prevention of Food Adulteration Act.**
- 9. Health Sub-Centre.**
- 10. Risk factors in Coronary Heart Diseases.**

**AUGUST 2008**

**[KT 956]**

**Sub. Code : 5812**

**BACHELOR OF PHYSIOTHERAPY DEGREE  
EXAMINATION.**

**Third Year — Non-Semester**

**Sixth Semester BPT/Fourth Semester BOT**

**(Modified/New Modified Regulations)**

**(Common to BPT/BOT)**

**COMMUNITY MEDICINE**

**Q.P. Code : 745812**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

**I. Essays : (2 × 15 = 30)**

**1. Describe the epidemiology of Filariasis and discuss the clinical manifestations and the control measures under National Filaria Control Programme. (5 + 4 + 6)**

**2. Describe in detail the various levels of prevention and modes of intervention with suitable examples.(8 + 7)**

## AUGUST 2008

II. Write short notes on : (10 × 5 = 50)

1. Medical Termination of Pregnancy Act 1971.
2. Various social security measures available in India.
3. Key elements in communication process.
4. Physical quality of Life Index P.Q.L.I.
5. Primary Prevention of Rheumatic Heart disease.
6. International Red Cross Organisation.
7. Risk Approach.
8. Preplacement examination.
9. Community participation.
10. Demographic Cycle.

III. Write short answers : (10 × 2 = 20)

1. Sullivan's Index.
2. Role Play.
3. Byssinosis.
4. Census.

5. Ocular manifestations of Vitamin A deficiency.
  6. Tertiary health care level.
  7. Notification of diseases.
  8. Primary case and index case.
  9. Trace elements.
  10. Uses of growth chart.
-