

FEBRUARY 2008

[KS 956 (Y)]

Sub. Code : 6121

B.O.T. DEGREE EXAMINATION.

Third Year

Non-Semester Regulations

Paper I — COMMUNITY MEDICINE, BASIC
NURSING AND FIRST AID

Q.P. Code : 786121

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. (a) Outline the natural history/of diabetes mellitus. (9)

(b) Give the influence of social, economic and cultural aspects on diabetes mellitus and its outcome. (6)

2. Discuss the engineering, medical and legal measures to prevent occupational hazards. (15)

II. Short notes : (10 × 5 = 50)

(a) What are the environmental factors that cause Japanese Encephalitis?

(b) Measures of primordial prevention for hypertension.

(c) Integrated vector control measures.

(d) Services provided for adolescent health under the RCH programme.

(e) What are the advantages and limitations of barrier method of contraception?

(f) Health hazards to workers of the software industry.

(g) Medical benefits under ESI scheme.

(h) Workman's compensation act.

(i) Importance of secondary level care providers (first referral units) in health of the community.

(j) Factors which are important for success of community based rehabilitation.

AUGUST 2008

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**Paper I — COMMUNITY MEDICINE, BASIC
NURSING AND FIRST AID**

Q. P. Code : 786121

Time : Three hours Maximum : 100 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay : (2 × 15 = 30)

1. What are the services provided by government primary health centers for maternal care?

2. Discuss various levels at which prevention of deformities is achieved in leprosy.

II. Short notes : (10 × 5 = 50)

1. Impact of Japanese Encephalitis on an individual.

2. Discuss socio-cultural factors that lead to malnutrition in children.

AUGUST 2008

3. How does the government provides benefit to the disabled?
4. Mass drug administration for control of filariasis.
5. Role of "Disease notification" in control of occupational diseases.
6. Administrative structure of the ESI scheme.
7. How does "Law" protect women and children from occupational hazards?
8. Health effect on the mother due to uncontrolled birth.
9. When is institutional based rehabilitation essential?
10. What are the first aid measures in a case of neck injury?

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

1. What is zero dose polio?
2. Give one example for "gender sensitive care".
3. Population size cared for by Health worker female.
4. Schedule of Tetanus vaccination for preventing neonatal tetanus.

5. What is containment?
6. Give the number of days of paid leave eligible after abortion.
7. Recommended work hours as per factories Act.
8. What is the ultimate goal of the family welfare program?
9. Who supplies equipment in community based rehabilitation?
10. What first aid is to be given for dog bite?

February 2010

[KW 956 (Y)]

Sub. Code: 6121

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION**

Third Year

Non-Semester Regulations

**Paper I – COMMUNITY MEDICINE, BASIC NURSING
AND FIRST AID**

Q.P. Code : 786121

Time : Three hours

Maximum : 100 marks

Answer All questions.

Draw suitable diagrams wherever necessary

I. Essays : (2 x 15 = 30)

1. Describe in detail the epidemiology of stroke and add a note on the prevention of stroke.
2. Define rehabilitation. Describe the types of rehabilitation. Add a note on community based rehabilitation.

II. Short Notes on : (10 x 5 = 50)

1. Characteristics of normal pulse.
2. What are the aims of bandaging?
3. ICDS.
4. Sullivan's index.
5. Triage.
6. Causes of infant mortality.
7. Benefits to women workers in ESI.
8. Ergonomics.
9. Silicosis.
10. Condoms.

III. Short Answers: (10 x 2 = 20)

1. Name four risk factors for coronary heart disease.
2. What is vaccine vial monitor?
3. Write about wound management in dog bite.
4. Name four arboviral diseases.
5. Function of STS (Senior Treatment Supervisor) in PHC.
6. Role of pre medical checkup in occupational health.
7. Vaccine schedule in UIP. (Universal Immunisation Programme).
8. What is Incubation period?
9. What are the diseases transmitted by Aedes mosquito?
10. Mantoux test.

August 2010

[KX 956 (Y)]

Sub. Code : 6121

**BACHELOR OF OCCUPATIONAL THERAPY
DEGREE EXAMINATION**

Third Year Non - Semester Regulations

Paper I – COMMUNITY MEDICINE, BASIC NURSING AND FIRST AID

Q.P. Code : 786121

Time : Three hours

Maximum : 100 marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary

I. Essays:

(2X15=30)

1. Write the National Immunization Schedule. How are the Immunization Services carried out in the Primary Health Centres?
2. Discuss the various measures of intervention to prevent the disability of Polio.

II. Short Notes:

(10X5=50)

1. What are the facilities available in a First Referral Unit (FRU).
2. Importance of First Aid in the case of trauma.
3. Demographic cycle.
4. First Aid measures in unconscious patient.
5. Factors that lead to low birth weight.
6. UNICEF.
7. What are the advantages of DOTS in T.B. Control?
8. What are the Health Hazards of workers in Health Care Industry?
9. Advice given to the care taker of a paraplegic patient regarding care of catheter.
10. Sickness Absenteeism.

III. Short Answers:

(10X2=20)

1. Body Mass Index.
2. Additional Nutritional requirement in Pregnancy.
3. Name four occupational hazards in Agricultural workers.
4. Name four risk factors for Coronary Heart Diseases.
5. Dependence benefit under the ESI Scheme.
6. Common emergencies during Earth quake.
7. Parboiling.
8. Define Blindness.
9. Prevention of Hook worm infection.
10. What is Census?

August 2011

[KZ 6160]

Sub. Code : 6160

BACHELOR OF OCCUPATIONAL THERAPY EXAMINATION

THIRD YEAR

Paper I– COMMUNITY MEDICINE, BASIC NURSING AND FIRST AID

Q.P. Code : 786160

Time : Three hours

Maximum : 100 marks

ANSWER ALL QUESTIONS

I. LONG ESSAYS

(2X20=40)

1. What is Pneumoconiosis? Discuss in detail the various occupational hazards in a sugar factory and measures to prevent them.
2. Describe the various levels of prevention and modes of intervention in poliomyelitis. Write a note on Intensified Pulse Polio Immunization.

II. SHORT NOTES

(8X5=40)

1. Elements of Primary health care.
2. Epidemiological triad.
3. International health organizations.
4. Methods of transportation of the injured.
5. Oral contraceptives.
6. Barriers in communication.
7. Disability limitation in leprosy.
8. Iodine Deficiency Disorders.

III. SHORT ANSWERS

(10X2=20)

1. Define factory.
2. Primordial prevention.
3. Oral Rehydration Salt.
4. Notification.
5. Blanket treatment.
6. Herd immunity.
7. Define shock.
8. Spectrum of disease.
9. Sullivan's Index.
10. Occupational hazards of farmers.

February 2012

[LA 6160]

Sub. Code: 6160

BACHELOR OF OCCUPATIONAL THERAPY EXAMINATION

THIRD YEAR

Paper I– COMMUNITY MEDICINE, BASIC NURSING AND FIRST AID

Q.P. Code: 786160

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2X20=40)

1. List the voluntary health agencies in India .Discuss in detail the functions of various health agencies. [5+15]
2. What are the levels of prevention? Describe each of them with suitable examples. How these levels of prevention are applied to prevent vit A deficiency among children in a community [5+5+10]

II. Write notes on:

(8X5=40)

1. Anganwadi Worker
2. Define fainting, write the signs of fainting
3. Role of health worker male in control of vector borne diseases
4. Principles of Good House keepings
5. Social security measures for industrial workers
6. Surveillance in leprosy
7. Epidemiology of Rheumatic Heart Disease
8. Disadvantages of Institution based rehabilitation

III. Short Answers

(10X2=20)

1. Define Acute Flaccid Paralysis
- 2 .Two characteristics of occupational cancers
3. Disability Adjusted Life Years
4. Any two advantages of Tube Feeding
5. Maternity benefit under ESI act
6. Cultural factors in the occurrence of Neonatal Tetanus
7. Define Blindness
8. Psychological barriers of communication
9. Never give gargle to an unconscious patient – Give reason
- 10.Any Two functions of UNICEF

[LB 6160]

AUGUST 2012

Sub. Code : 6160

THIRD YEAR BOT EXAM

**Paper – I COMMUNITY MEDICINE, BASIC NURSING
AND FIRST AID**

Q.P. Code: 786160

Time: Three Hours

Maximum: 100 marks

(180 Min) Answer ALL questions in the same order.

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

- | | | | |
|--|----|----|----|
| 1. Briefly describe the national immunization schedule.
Mention the hazards of adverse effects following immunization. | 19 | 33 | 20 |
| 2. Describe the application of levels of prevention in Leprosy and write in detail the National Leprosy Eradication Program. | 19 | 33 | 20 |

II. Write Notes on:

- | | | | |
|---|---|---|---|
| 1. Risk factors for coronary heart disease. | 3 | 8 | 5 |
| 2. Role of physiotherapists in Health Education. | 3 | 8 | 5 |
| 3. Condom. | 3 | 8 | 5 |
| 4. Classification and rules for treatment of hemorrhages. | 3 | 8 | 5 |
| 5. Pasteurization of milk. | 3 | 8 | 5 |
| 6. Prevention of road traffic accidents. | 3 | 8 | 5 |
| 7. Pre-placement examination. | 3 | 8 | 5 |
| 8. Community participation. | 3 | 8 | 5 |

III. Short Answers :

- | | | | |
|--------------------------------------|---|---|---|
| 1. Natural history of disease. | 1 | 5 | 2 |
| 2. Define reservoir of infection. | 1 | 5 | 2 |
| 3. Eligible couple. | 1 | 5 | 2 |
| 4. Name three water borne diseases. | 1 | 5 | 2 |
| 5. Define drowning. | 1 | 5 | 2 |
| 6. What is Zoonosis? | 1 | 5 | 2 |
| 7. Name four determinants of health. | 1 | 5 | 2 |
| 8. Exclusive breast feeding. | 1 | 5 | 2 |
| 9. Passive smoking. | 1 | 5 | 2 |
| 10. Sex ratio. | 1 | 5 | 2 |

[LC 6160]

FEBRUARY 2013

Sub. Code : 6160

THIRD YEAR BOT EXAM

**Paper – I COMMUNITY MEDICINE,
BASIC NURSING AND FIRST AID**

Q.P. Code : 786160

Time : Three hours

Maximum : 100 marks

(180 Min)

I. Elaborate on:

(2X20=40)

- 1.Explain in detail the scope ,administration and finance of Employees State Insurance act. Detail the various benefits to the employees under this act
- 2.Define Rheumatic fever, write the epidemiology of Rheumatic Heart Disease. Discuss the preventive approaches in RHD .

II. Write Notes on:

(8X5=40)

- 1.Occupational hazards of agricultural workers
- 2.Distinguish between Health education and propaganda
3. Causes and prevention of nutritional anaemia
- 4.Web of causation of disease
- 5.Indicators of disability
6. Importance of maintaining good personal hygiene in health and disease
7. Types and principles of bandaging
- 8.Polio eradication strategies

III. Short Answers :

(10X2=20)

1. Any 2 methods used in Inducing Natural Urination
- 2.Define Primary Health Care
- 3.Enlist the basic resources for provision of health care
- 4.Two differences between OPV and IPV
- 5.List the visual aids that requires projection
- 6.Types of rehabilitation
- 7.Any two dietary modifications to prevent CHD
8. Balanced diet
9. Common causes of unconsciousness
- 10.Complications of measles

[LD 6160]

AUGUST 2013

Sub. Code : 6160

THIRD YEAR BOT EXAM

PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND FIRST AID

Q.P. Code: 786160

Time: Three hours

Maximum : 100 marks

I. Elaborate on: (2x20 = 40)

1. Define Health. Explain in detail the various factors influencing health with examples.
2. Mention the various occupational health hazards. Describe in detail the preventive measures to control them.

II. Write Notes on: (8x5 = 40)

1. Levels of prevention in health with examples
2. Acute flaccid paralysis surveillance
3. Occupational cancers and their preventive measures
4. Barriers in Health communication
5. Functions of UNICEF
6. Management of patient with multiple injuries due to road traffic accident
7. Post exposure prophylaxis in rabies
8. Multidrug therapy in leprosy

III. Short Answers on: (10x2 = 20)

1. Cancer registry
2. STEPS approach in Non communicable diseases
3. First aid measures in a case of snake bite
4. Splinting in case of fractures
5. Physical Quality of Life Index
6. Mention the types of wounds
7. Symptoms of Organophosphorus poisoning
8. Emergency contraception
9. Complications of Measles
10. Sickness benefits under ESI ACT
