

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

[LE 6160]

FEBRUARY 2014

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. Discuss the engineering, medical and legal measures to prevent occupational hazards.
2. What are the levels of prevention? Describe each of them with suitable examples.

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

1. Medical benefits under ESI scheme.
2. Primordial prevention for diabetes mellitus.
3. Mass drug administration for control of Filariasis.
4. First aid measures in a case of neck injury.
5. Causes for infant mortality.
6. Pneumoconiosis.
7. Demographic cycle.
8. UNICEF.

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

1. First aid for dog bite.
2. Exclusive breast feeding.
3. Incubation period.
4. Diseases transmitted by Aedes mosquito.
5. Notification.
6. Epidemiological triad.
7. Anthracosis.
8. Health education.
9. Spectrum of disease.
10. Two advantages of tube feeding.

[LF 6160]

AUGUST 2014

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 rehabilitation. Describe the types of rehabilitation. Describe in detail about Community based rehabilitation.
2. Describe the National Immunization Schedule and write a note on the individual vaccines. Write in detail about adverse events following immunization.

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

1. Workman's compensation act.
2. Nutritional anaemia.
3. Triage.
4. Ergonomics.
5. Occupation hazards in Agricultural workers.
6. Dependence benefit under ESI.
7. First Aid measures in unconscious patient.
8. Advantages of DOTS in Tuberculosis control.

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

1. Four risk factors for coronary heart disease.
2. Diseases transmitted by Culex mosquito.
3. Parboiling.
4. Cold chain.
5. Sickness absenteeism.
6. Herd immunity.
7. Primordial prevention.
8. Passive smoking.
9. Eligible couple.
10. Balanced diet.

[LG 6160]

FEBRUARY 2015

Sub. Code : 6160

THIRD YEAR BOT EXAMINATION
PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND
FIRST AID
Q.P. Code: 786160

Time: Three hours

Maximum: 100 marks

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

1. Write the role of occupational therapy in meeting health care needs of India.
2. Describe about respiratory emergencies in detail.

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

1. Protein energy malnutrition
2. Measles
3. Indian Redcross Society
4. First aid for insect bites
5. Rules for treatment of haemorrhage
6. Comfort measures
7. Parenteral administration of medications - Indications
8. State level health care delivery system

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

1. Two golden rules for first aid
2. Types of fracture
3. Classification of poisoning
4. Cultural aspect of health
5. What is Silicosis?
6. List Vitamin A deficiency diseases
7. What is the normal temperature, pulse & respiration of adult?
8. Observation of stool
9. Define inter personal relationship
10. Serva Siksha Abhiyan

[LH 6160]

AUGUST 2015

Sub. Code: 6160

B.O.T. DEGREE 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:

(2 x 20 = 40)

1. Define Family Planning. Explain in detail the various national family welfare programmes.
2. Explain detail about health care delivery system in India.

II. Write notes on:

(8 x 5 = 40)

1. Principles of Health education.
2. Various Benefits of ESI Act.
3. Clinical Features of measles.
4. Function of WHO.
5. Management of patient with burns.
6. Classification of Hemorrhages.
7. Explain about Bandages.
8. Sickness absenteeism.

III. Short Answers on:

(10 x 2 = 20)

1. Three Stages of Clinical features in malaria.
2. Farmers lung.
3. Define ergonomics.
4. Enlist the types of fracture.
5. Mention any two preventive measures for radiation hazards.
6. Epidemiological triad.
7. Importance of sarva siksha abhiyan scheme.
8. Complication of cerebrovascular accident.
9. Mention the four signs & symptoms of shock.
10. Degree of Burns.

[LI 6160]

FEBRUARY 2016

Sub. Code : 6160

THIRD YEAR BOT EXAMINATION
PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND
FIRST AID
Q.P. Code: 786160

Time: Three hours

Maximum: 100 Marks

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

1. Describe the Comfort measures used for patient with fracture.
2. Explain in detail about the health problems due to industrialization and measures for health promotion of workers.

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

1. Principles of Arthropod control.
2. Juvenile Delinquency.
3. Responsibility for health.
4. Management for Encephalitis.
5. Describe about Vitamin K.
6. Anti larval measures.
7. Management of drowning.
8. Fluid calculation for burns.

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

1. Health adjusted life expectancy.
2. Primary health care.
3. Levels of prevention.
4. Define fracture.
5. Mention any four principles involved in bandages.
6. Types of injuries.
7. Functions of International Labor Organization.
8. Stop TB strategy for 2015.
9. Pneumonic plague.
10. Mention the Multi Bacillary drugs for Leprosy.

[LJ 6160]

AUGUST 2016

Sub. Code: 6160

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

Q.P. Code: 786160

Time: Three hours

Maximum: 100 Marks

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

1. What is Burns & Scalds? Explain the first aid management for the people who met fire accident according to the degrees of burns.
2. Describe about Tuberculosis and its treatment.

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

1. Physical Hazards.
2. Advantages of Institutional Rehabilitation.
3. Cerebro Vascular Accident.
4. Ambulance services.
5. Transportation method of patient with fracture.
6. Blanket lift.
7. Assessment of shock.
8. Simple aseptic technique.

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

1. What is Asphyxia?
2. Mention two community resources of first aid.
3. Uses of enema.
4. Types of nursing position.
5. Common diseases of cotton industry workers.
6. Advantages of condom.
7. Define health.
8. Uses of splint.
9. What is Anemia?
10. Define Trauma.

[LK 6160]

FEBRUARY 2017

Sub. Code: 6160

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

Q.P. Code: 786160

Time: Three hours

Maximum: 100 Marks

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

1. Describe the objectives and strategies of the National Family Welfare Programme.
2. List the principles of Health Education and write in detail about the methods of communications.

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

1. Protein energy malnutrition.
2. Types of occupational hazards.
3. Role of first aider in earth quack.
4. World Health Organization.
5. Drowning Management.
6. Rabies.
7. Community based Rehabilitation.
8. Transfer patient from bed to wheel chair.

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

1. Define occupational health.
2. Types of wound.
3. Causes of Shock.
4. Name two National voluntary agencies.
5. Fowlers position.
6. Degrees of burns.
7. Levels of prevention.
8. Define health.
9. Triangular bandage.
10. Nose bleeding measures.

[LL 6160]

AUGUST 2017

Sub. Code : 6160

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2013-2014 onwards)
THIRD YEAR
PAPER I – COMMUNITY MEDICINE, BASIC NURSING AND
FIRST AID

Q.P. Code: 786160

Time: Three hours

Maximum: 100 Marks

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

1. Define Occupational health and write in detail about the role of Occupational Therapy in meeting the health care needs of India.
2. Define Rehabilitation. Describe the types of Rehabilitation. Add a note on community based Rehabilitation.

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

1. Write about wound management in dog bite.
2. International health agencies.
3. Management of shock.
4. Barriers in communication.
5. Mantoux test.
6. Principles of good house keepings.
7. Anganwadi worker.
8. Define fainting. Write the signs of fainting.

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

1. Define acute flaccid paralysis.
2. Sullivan's index.
3. Herd immunity.
4. Primordial prevention.
5. Parboiling.
6. Common emergencies during earthquake.
7. What is vaccine vial monitor?
8. What is incubation period?
9. Disability adjusted life year.
10. Notification.
