

MANIPAL UNIVERSITY

MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – OCTOBER 2015

SUBJECT: PAPER I: HISTORY OF PUBLIC HEALTH, CONCEPTS IN COMMUNITY
MEDICINE AND EPIDEMIOLOGY

Tuesday, October 06, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Essay Questions:

1. Drug resistance Tuberculosis is an important indicator of effectiveness of Tuberculosis control activities. Discuss the strategies that have been adopted by the program and the impact of these strategies on the burden of MDR TB.

(15 marks)

2. As Udipi District Health Officer, discuss the epidemiology of road traffic accidents in Udipi and the measures you would like to take to reduce it.

(15 marks)

3. Write short notes on:

3A. Describe the psychosocial dimensions and its impact on health.

3B. The great sanitary awakening

3C. Discuss the concept of primary health care in improving the health status of the community.

3D. Oral vaccine for cholera

3E. Briefly discuss the Treatment 2.0 initiative.

3F. Contribution of John Snow to public Health

3G. Discuss how herd immunity could control infections in the community.

3H. Adverse events following immunization

3I. Discuss the role of Voluntary Health sector in India.

3J. Define Chemoprophylaxis with examples and discuss its significance.

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY**MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – OCTOBER 2015****SUBJECT: PAPER II: HEALTH SERVICES MANAGEMENT**

Wednesday, October 07, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essay Questions:**

1. Discuss concepts of Health Management. Describe principles of management methods and techniques useful for health management.

(15 marks)

2. Discuss Health Information System with respect to following:

a) Sources b) Uses c) Indian scenario

(15 marks)

3. **Write short notes on:**

3A. Write a note on Social Marketing with example.

3B. Briefly discuss about new initiatives under RCH.

3C. International Health Regulations

3D. Mention the social and Health welfare schemes for elderly persons in India.

3E. Write a note on UNICEF Child Friendly School Initiative.

3F. Medical Audit

3G. Indian Public Health Standards for PHCs

3H. Emergency Contraception

3I. Outline the features of Clinical establishment act 2010, Karnataka.

3J. Approaches for measuring maternal mortality

(7 marks × 10 = 70 marks)



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MANIPAL UNIVERSITY

MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – OCTOBER 2015

SUBJECT: PAPER III: NUTRITION, ENVIRONMENTAL HEALTH AND DEMOGRAPHY

Thursday, October 08, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Illustrate how the study of vector characteristics helps in the prevention and control of malaria.

(15 marks)

2. Discuss the significance of the world health day theme “Road Safety is No Accident”, in the current economic and demographic scenario of India.

(15 marks)

3. **Write short notes on:**

3A. Health and social impact of urbanization

3B. Discuss the consequences of air pollution and the methods for its prevention and control.

3C. Demographic significance of fertility and the factors affecting it

3D. Statistical methods for measuring contraceptive efficacy

3E. Role of personal protection equipment in infection control

3F. Primary prevention measures in genetic disorders

3G. Social security measures for industrial workers

3H. Application of tests of significance in medical research

3I. Community based assessment of nutritional status of a population

3J. Sex ratio and its determinants in India

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY**MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – OCTOBER 2015****SUBJECT: PAPER IV: MENTAL HEALTH AND HEALTH TECHNOLOGY**

Friday, October 09, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.**✍ Long Questions:**

1. Describe the Aims, Objectives and Strategies of National Mental Health Programme. Critically evaluate the implementation of the programme.

(15 marks)

2. Describe various approaches and principles of Health Education and discuss limitations in its practice.

(15 marks)

3. Write short notes on:

3A. Behavioral disorders in children

3B. Concepts of social obstetrics

3C. Social Security

3D. Operational research

3E. Social Intervention model of Health Education

3F. Media for small group discussion

3G. Newer Vaccines

3H. Social defense

3I. Role of Meta analysis in research

3J. Barriers of communication

(7 marks × 10 = 70 marks)

