

MANIPAL UNIVERSITY**MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2014****SUBJECT: PAPER I: HISTORY OF PUBLIC HEALTH, CONCEPTS IN COMMUNITY
MEDICINE AND EPIDEMIOLOGY**

Tuesday, April 01, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays.**

1. The medical officer of a Primary Health Centre is the captain of the health team - Justify and discuss the statement.

(15 marks)

2. Identify the factors attributable to the spread of HIV in India. Discuss the features and rationale of the expanded WHO case definition for AIDS surveillance.

(15 marks)

3. Write short notes on :

3A. Define health. Discuss briefly how health can be measured.

3B. Give examples of primary prevention interventions that are applicable to populations.

3C. Discuss the use of epidemiology in community health assessment.

3D. Describe the factors that determine the effective functioning of a cold chain.

3E. Discuss the role of selection bias in a case control study. Identify measures to control the same.

3F. Discuss the current status of poliomyelitis control in the country.

3G. Identify causes for the development of drug resistant tuberculosis.

3H. Discuss the required health resources for a healthy community.

3I. “Hierarchy of evidence” aids interpretation and evaluation of research findings. Justify

3J. Receiver operating characteristic curves in medical decision making.

(7×10 = 70 marks)



MANIPAL UNIVERSITY
MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2014
SUBJECT: PAPER II: HEALTH SERVICES MANAGEMENT

Wednesday, April 02, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays.**

1. Enumerate National Programmes focusing on issues related to women and children. Discuss the role of inter country organization in implementing these programmes.

(10+5 = 15 marks)

2. Use the PERT/CPM Technique to evaluate the involvement of the community in the national preparedness for managing disasters.

(5+10 = 15 marks)

3. **Write short notes on:**

3A. SWOT analysis of Government health care delivery system in Karnataka

3B. Potential for preventive care among the elderly

3C. Give a plan to promote Quality assurance in primary health care delivery

3D. Discuss mechanism of Infection control in the medical college hospital

3E. Submit a detailed plan for evaluation of UIP in a district

3F. Baby friendly hospital initiative

3G. Salient points from health policy 2002

3H. Unmet need for family planning in India

3I. Barriers in Doctor - patient communication

3J. Health sector reforms in India

(7×10 = 70 marks)



MANIPAL UNIVERSITY**MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2014****SUBJECT: PAPER III: NUTRITION, ENVIRONMENTAL HEALTH AND DEMOGRAPHY**

Thursday, April 03, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays.**

1. Discuss the Nutritional Problems in public health. Elaborate the preventive measures.
(15 marks)
2. Describe the various methods of Contraceptives and their mode of action. Also discuss why each method by itself cannot be an ideal contraceptive.
(15 marks)

3. Write short notes on:

- 3A. Botulism
- 3B. Radiation Hazards
- 3C. Human Genome Project
- 3D. Pneumoconiosis
- 3E. Health dangers of a diet high in Saturated Fats
- 3F. Non parametric tests
- 3G. Health hazards of Health Care Wastes
- 3H. Role of Zinc supplementation in acute diarrhea
- 3I. Benefits to woman employees under Indian factories act
- 3J. Engineering methods of mosquito control

(7×10 = 70 marks)



MANIPAL UNIVERSITY

MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2014

SUBJECT: PAPER IV: MENTAL HEALTH AND HEALTH TECHNOLOGY

Friday, April 04, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays.**

1. 'Depression' is going to be the foremost public health problem - Critically analyse the statement and discuss the measures to cope with the evolving problem of depression as a major psychiatric disorder.

(15 marks)

2. Describe the method of conducting a health education campaign in your district for effective implementation of Mass Drug administration against filariasis.

(15 marks)

3. **Write short notes on:**

3A. Uses and methods of setting up a Health Information system in a state

3B. Health intelligence system in India

3C. Motivational techniques

3D. Drug addiction and drug dependence

3E. Parameters of mental health

3F. Consanguineous marriages

3G. Social Anatomy

3H. Operational Research

3I. Audio – video aids used in health education

3J. Social security and social assistance

(7×10 = 70 marks)

