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MANIPAL UNIVERSITY

MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2016

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

Monday, April 18, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

☞ Answer ALL the questions.

☞ Long Questions:

1. Describe the steps in the investigation of a case of Food Poisoning in a five star hotel.
(15 marks)
2. 'Universal health coverage is a key priority for WHO and provision of accessible and safe primary care is recognized as essential International Policy Goal'. *Critically review of the role of "Primary Care" in the context of global health.*
(15 marks)

3. Short notes:

- 3A. Nested Case Control study
- 3B. Anti rabies vaccine
- 3C. Human Development Index (HDI)
- 3D. Bias in studies
- 3E. Millennium Development Goals – Where does India stand?
- 3F. Epidemic curve and its uses
- 3G. Ebola infections
- 3H. Relative risk and Attributable risk
- 3I. Vision 2020
- 3J. Biological transmission of disease

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY

MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2016

SUBJECT: PAPER II: HEALTH SERVICES MANAGEMENT

Tuesday, April 19, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Long Essays:

1. With the help of statistical measures, discuss the current status of maternal mortality in India. Identify methods of investigating maternal mortality in the community.

(15 marks)

2. Justify the rationale of National Vector Borne Disease Control Programme. Discuss the key components in implementing Malaria Control in a region.

(15 marks)

3. Short notes:

3A. Role of legislation in health promotion.

3B. Do conditional cash transfer schemes improve utilization of health services? Discuss this in the context of maternal and child health.

3C. Identify the challenges in delivering healthcare to the elderly.

3D. Describe the significance of sample registration system in India.

3E. Review India's progress with respect to Millennium Development Goal – 4 (Reduce Child Mortality).

3F. Illustrate the role of social marketing in promoting health in India.

3G. Discuss the technical guidelines for the implementation of national leprosy eradication programme.

3H. Is growth monitoring an effective strategy? Discuss this in the light of under-five care

3I. International health regulations

3J. Role of "Network analysis" in the planning of health programmes

(7 marks × 10 = 70 marks)



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MANIPAL UNIVERSITY

MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2016

SUBJECT: PAPER III: NUTRITION, ENVIRONMENTAL HEALTH AND DEMOGRAPHY

Wednesday, April 20, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

☞ Answer ALL the questions.

☞ Long Essays:

1. Describe the epidemiology of micronutrient malnutrition. Explain the issues in the advocacy for iodized salt consumption.

(10+5 = 15 marks)

2. Discuss the WHO guidelines for drinking water quality with special reference to Millennium Development Goals and National socio Demographic goals.

(10+5 = 15 marks)

3. Short notes:

3A. Demographic transition

3B. Diet survey

3C. Different public health measures to control insects

3D. Ionizing Radiation

3E. Industrialization and health

3F. Social security

3G. Legal stipulation of hospital waste management in India

3H. Genetic engineering

3I. Stress diseases in affluent society

3J. Marriage counselling

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY**MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2016**
SUBJECT: PAPER IV: MENTAL HEALTH AND HEALTH TECHNOLOGY

Thursday, April 21, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essay questions:**

1. Describe effects of Cultural, Psychological and Socioeconomic factors on Health and Disease.

(15 marks)

2. How will you organize an IEC strategy for a mass health campaign? Describe the barriers to effective communication and suggest remedial measures.

(15 marks)

3. **Short questions:**

3A. Ethical issues in Health science research

3B. Epidemiology of Alcoholism

3C. Focus group discussion

3D. Writing a research proposal

3E. Problem based learning

3F. Role of remote sensing in Disease control

3G. Impacts of Urbanization on Health

3H. Factors affecting Health care service utilization

3I. Strategies for control of Mental health problems

3J. Doctor Patient communication

(7 marks × 10 = 70 marks)

