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## MANIPAL UNIVERSITY

MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2013

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

Tuesday, April 02, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

**Answer ALL questions. All questions carry equal marks.**

1. As a project officer you are entrusted with the responsibility of implementing a programme for reducing the risk factors of non communicable diseases in an urban area. Describe how would you go about it and how would you evaluate the impact of the programme.
2. Using an example illustrate the difference in study design of case control and cohort studies. Discuss the strengths and limitations of both.
3. Clinical epidemiology and evidence based medicine are far more important today than in the past. Discuss this statement with suitable examples.
4. **Write short notes on:**
  - 4A. Explain the type of biases in epidemiological studies with suitable examples.
  - 4B. Causes and prevention of nosocomial infection
  - 4C. Contribution of James Lind to public health



## MANIPAL UNIVERSITY

MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2013

SUBJECT: PAPER II: HEALTH SERVICES MANAGEMENT

Wednesday, April 03, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions. All questions carry equal marks.**

1. Discuss the objectives, specific goals and strategies of National Health Policy of India.
2. Critically review Reproductive and child Health Programmes in India.
3. Discuss role of United Nations agencies in health promotion.
4. **Write short notes on:**
  - 4A. Role of economics in Public Health
  - 4B. Social marketing of Contraceptives
  - 4C. Review WHO day slogan for the year 2011



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## MANIPAL UNIVERSITY

MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2013

SUBJECT: PAPER III: NUTRITION, ENVIRONMENTAL HEALTH AND DEMOGRAPHY

Thursday, April 04, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions. All questions carry equal marks.**

1. Discuss the factors that affect population growth. Economic growth is necessary but not sufficient to accelerate reduction of hunger and malnutrition. Discuss.
2. As a Mayor of the Mumbai Municipal Corporation, discuss the environmental issues you would be concerned about. How would you tackle these issues?
3. Nutritional anaemia is a major public health problem in India. Support the statement with evidence. Critically review the National Anaemia Prophylaxis Programme.
4. **Write short notes on:**
  - 4A. National Nutrition Policy 1993
  - 4B. Role of eugenics
  - 4C. Correlation and regression



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## MANIPAL UNIVERSITY

MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2013

SUBJECT: PAPER IV: MENTAL HEALTH AND HEALTH TECHNOLOGY

Friday, April 05, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

**Answer ALL questions. All questions carry equal marks.**

1. Discuss how literacy and socio economic development affect the health seeking behaviour and utilization of health services.
2. Discuss the role of internet in community medicine. How would you plan to use internet and mobile technology for delivering preventive and promotive healthcare to people?
3. Discuss the recent advances in the field of immunization.
4. **Write short notes on:**
  - 4A. Factors affecting doctor-patient relationship
  - 4B. Qualities of a good questionnaire
  - 4C. Enumerate and explain the basic principles of ethics in research pertaining to humans.

