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# MANIPAL UNIVERSITY

MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2012

SUBJECT: PAPER I

Monday, April 02, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **All questions are compulsory.**

✍ **Illustrate your answers with suitable examples.**

✍ **Draw diagrams wherever appropriate.**

1. What is Social Classification? Discuss the various methods of Social Classification. Discuss how Social Class affects Health and Disease.

(25 marks)

2. Discuss the causes, hazards and prevention and control strategies of Air Pollution.

(25 marks)

3. What is the 'Causal Association' in Epidemiology? Illustrate your answer with example.

(25 marks)

4. **Write short notes on:**

4A. Data presentation methods

4B. Nutritional Anaemias

4C. Human Development Index

(8+8+9 = 25 marks)



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## MANIPAL UNIVERSITY

MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2012

SUBJECT: PAPER II

Tuesday, April 03, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

- ✍ All questions are compulsory.
- ✍ Illustrate your answers with suitable examples.
- ✍ Draw diagrams wherever appropriate.

1. Discuss the reasons for increasing trend of non-communicable diseases in India. Discuss the epidemiology and strategies for the control of Cardio-vascular diseases in India.  
(25 marks)

2. Discuss the magnitude of the problem, epidemiological features, prevention and control of Acute Respiratory Infections in India.  
(25 marks)

3. Discuss the epidemiology, prevention and control of Filariasis. Outline the steps involved in the conduct of filarial survey in a district.  
(25 marks)

4. Write short notes on:

- 4A. Indian Factories Act 1948
- 4B. Oral Typhoid vaccine
- 4C. A.F.P. Surveillance

(8+8+9 = 25 marks)



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## MANIPAL UNIVERSITY

MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2012

SUBJECT: PAPER III

Wednesday, April 04, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

- ✍ **All questions are compulsory.**
- ✍ **Illustrate your answers with suitable examples.**
- ✍ **Draw diagrams wherever appropriate.**

1. Discuss “Operational Research” and its role in the delivery of primary health care services.  
(25 marks)
2. Critically review National Health Policy 2002.  
(25 marks)
3. A SWOT analysis of outsourcing in health care.  
(25 marks)
4. **Write short notes on:**
  - 4A. Sample Registration System
  - 4B. Planning- programming- budgeting system
  - 4C. Injectable contraceptives

(8+8+9 = 25 marks)



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## MANIPAL UNIVERSITY

MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2012

SUBJECT: PAPER IV

Thursday, April 05, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

- ✍ All questions are compulsory.
- ✍ Illustrate your answers with suitable examples.
- ✍ Draw diagrams wherever appropriate.

1. Discuss the role of mass media in disseminations of health information.  
(25 marks)
2. Discuss the “At Risk” approach and its applications to improve maternal and child health.  
(25 marks)
3. Managerial aspects of ‘Climate Change’ and ‘Global Warming’: issues and concerns.  
(25 marks)
4. **Write short notes on:**
  - 4A. Recent advances in contraceptives
  - 4B. International Health Regulations
  - 4C. AIDS vaccine

(8+8+9 = 25 marks)

