

**MANIPAL UNIVERSITY****MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2007****SUBJECT: PAPER I**

Monday, April 02, 2007

Time: 3 Hrs.

Max. Marks: 100

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- ✍ **Answer all the questions.**
  - ✍ **Illustrate your answers with suitable examples.**
  - ✍ **Draw diagrams wherever appropriate.**

1. Describe the structure of 'social environment' which is required for human development and survival. Discuss the influence of 'social environment' on health of human population.  
(25 marks)
2. Discuss the relevance, design and scope of 'Community Based Intervention' trials in developing countries.  
(25 marks)
3. Describe the different methods of assessment of 'Nutritional Status' in the community. Discuss the impact of nutrition programmes on child health.  
(25 marks)
4. Write short notes on:
  - 4A. Venn diagram.
  - 4B. Ecological studies.
  - 4C. Electronic communication and Public Health.

(8+8+9 = 25 marks)



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**SUBJECT: PAPER II**

Tuesday, April 03, 2007

Time: 3 Hrs.

Max. Marks: 100

- ✍ **Answer all the questions.**  
✍ **Illustrate your answers with suitable examples.**  
✍ **Draw diagrams wherever appropriate.**

1. Describe the current status of the problem of Poliomyelitis in the world. Discuss critically the strategies used to eradicate Poliomyelitis under the Global initiative to eradicate poliomyelitis.  
(25 marks)
2. Discuss 'Cardiovascular diseases in developing countries' with emphasis on implementation of preventive strategies.  
(25 marks)
3. Critically review National AIDS Control Programme of India. Describe the strategy to prevent mother to child transmission.  
(25 marks)
4. Write short notes on:
  - 4A. Occupational cancers and preventive measures.
  - 4B. Annual risk of infection of pulmonary tuberculosis.
  - 4C. Population based cancer registry.

(8+8+9 = 25 marks)



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**SUBJECT: PAPER III**

Wednesday, April 04, 2007

Time: 3 Hrs.

Max. Marks: 100

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- ✍ **Answer all the questions.**
  - ✍ **Illustrate your answers with suitable examples.**
  - ✍ **Draw diagrams wherever appropriate.**

1. Critically review the National Health Policy 2002.  
(25 marks)
  
2. Discuss the various techniques of personnel management to be used to improve health care delivery services in India.  
(25 marks)
  
3. Discuss current strategies of Reproductive and Child Health (RCH) programme to reduce population growth in India.  
(25 marks)
  
4. Write short notes on:
  - 4A. Post-conceptual contraception.
  - 4B. Systems analysis.
  - 4C. Cost-effectiveness analysis applications.

(8+8+9 = 25 marks)



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**SUBJECT: PAPER IV**

Thursday, April 05, 2007

Time: 3 Hrs.

Max. Marks: 100

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- ✍ **Answer all the questions.**
  - ✍ **Illustrate your answers with suitable examples.**
  - ✍ **Draw diagrams wherever appropriate.**

1. Define perinatal mortality. What is the current rate? Discuss the strategies to reduce perinatal mortality rate in India.

(25 marks)

2. Discuss the main findings of the 'Global burden of Disease' study.

(25 marks)

3. Discuss the role of health education to improve the immunization coverage in India.

(25 marks)

4. Write short notes on:

4A. Dai delivery kit and its utility.

4B. Family health awareness campaign.

4C. Human Development Index.

(8+8+9 = 25 marks)

