

**MANIPAL UNIVERSITY****MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2009****SUBJECT: PAPER I**

Wednesday, April 01, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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

1. How will investigate an outbreak of Hepatitis B in a city and suggest measures to control the outbreak?

(25 marks)

2. Discuss the importance of “Trace elements” in human nutrition with suitable examples and the measures to combat the ill effects on human health.

(25 marks)

3. Discuss different types of “Cohort studies” with suitable examples. Outline their merits and de-merits. Describe methods for measurement of risk in a cohort study.

(25 marks)

4. Write short notes on:

- 4A. Disability indicators.
- 4B. Medico Social Worker.
- 4C. Principles of Immunization.

(8+8+9 = 25 marks)



**MANIPAL UNIVERSITY****MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2009****SUBJECT: PAPER II**

Thursday, April 02, 2009

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 magnitude of problem, epidemiological features, prevention and control strategies of malaria in India. How successful has the government been in controlling the problem?

(25 marks)

2. What is epidemiological surveillance? Discuss the surveillance of HIV infection and AIDS in India. Add a note on National AIDS control programme.

(25 marks)

3. Discuss the strategies and program of Vision 2020 in view of 'Right to Sight'.

(25 marks)

4. **Write short notes on:**

4A. Role of life style modification in Preventive health care.

4B. Haemophilus influenzae Vaccine (Hib).

4C. Ergonomics.

(8+8+9 = 25 marks)



**MANIPAL UNIVERSITY****MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2009****SUBJECT: PAPER III**

Friday, April 03, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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

1. Enlist management techniques / methods which can be applied in the field of public health.  
Discuss about the following:
  - a) Management by objectives and appraisal by result.
  - b) Gantt chart and work scheduling.

(25 marks)
2. Critically comment on the National Rural Health Mission.

(25 marks)
3. Discuss current strategies of Millennium Development Goals (MDG) program in India.

(25 marks)
4. Write short notes on:
  - 4A. Content of an HIV health education programme for high school students.
  - 4B. Medical Termination of Pregnancy Act.
  - 4C. Impact of Globalisation on the Health Sector.

(8+8+9 = 25 marks)



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## MANIPAL UNIVERSITY

MD (COMMUNITY MEDICINE) DEGREE EXAMINATION – APRIL 2009

SUBJECT: PAPER IV

Saturday, April 04, 2009

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 recent advances in the diagnosis, treatment and prevention of AIDS.  
(25 marks)
2. What is Meta analysis? Discuss the importance of Meta analysis of Maternal Mortality done in SEARO-Region of WHO in the light of women's empowerment.  
(25 marks)
3. What is Child Survival Index? Discuss the child survival strategies applicable to developing countries like India.  
(25 marks)
4. **Write short notes on:**
  - 4A. Malaria Vaccine.
  - 4B. Population genetics.
  - 4C. Health Problems of the Aged.

(8+8+9 = 25 marks)



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