MANIPAL UNIVERSITY
FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2008
SUBJECT: COMMUNITY MEDICINE-PAPER-I (ESSAY)
Tuesday, June 03, 2008

Time available: 10.30 – 13.00 Hours   Maximum Marks: 48

✍ **All questions are compulsory.**

✍ **Illustrate your answers with suitable diagrams wherever necessary.**

✍ **Long Questions:**

1. Define epidemiology. Describe steps in a Randomized Control Trial. Enumerate uses of epidemiology.

    (2+4+3 = 9 marks)

2. Discuss in brief the problem statement of HIV/AIDS in India – Describe the HIV/AIDS prevention/ control programme components in a district hospital.

    (3+6 = 9 marks)

3. **Short Questions:**

3A. Human Developmental Index

3B. 3 tier system of Primary Health Care delivery in India

3C. Biological transmission of disease with suitable examples

3D. Re emerging infectious diseases

3E. Registration of vital events

3F. Relevance of screening test

3G. Prevention and Control of Hospital acquired infections

3H. Enumerate milk borne diseases and principles of HTST pasteurization

3I. Pre-exposure vaccination against rabies

3J. Integrated vector control.

    (3×10 = 30 marks)

MANIPAL UNIVERSITY

FINAL MBBS PART – I DEGREE EXAMINATION – JUNE 2008

SUBJECT: COMMUNITY MEDICINE-PAPER-II (ESSAY)

Wednesday, June 04, 2008

Time available: 10.30 – 13.00 Hours   Maximum Marks: 48

✍ **All questions are compulsory.**

✍ **Illustrate your answers with suitable diagrams wherever necessary.**

✍ **Long Questions:**

1. What is the significance of "Risk Approach"? Describe the child survival and safe motherhood components of RCH programme. Enumerate Reproductive and child health package.

(2+5+2 = 9 marks)

2. Enumerate nutritional disorders in India. Describe the epidemiology and prevention of protein energy malnutrition. Enumerate the national nutritional programmes in India.

(2+5+2 = 9 marks)

3. **Short Questions:**

3A. Define Maternal Mortality Rate. Discuss briefly its importance.

3B. Describe components of school health programme.

3C. Write a short note on societal dependency ratio.

3D. Write a short note on Pearl Index and its significance.

3E. Write a short note on trace elements and its public health importance.

3F. Define Primary Health Care. Enumerate the functions of Primary Health Centre.

3G. Describe principles of health education.

3H. Write a short note on SEARO (WHO).

3I. Describe the rule of halves in hypertension. Enumerate the modifiable risk factors in hypertension.

3J. Discuss medical measures in prevention of occupational diseases.

(3×10 = 30 marks)

MANIPAL UNIVERSITY
FINAL MBBS PART – I DEGREE EXAMINATION – DECEMBER 2008
SUBJECT: COMMUNITY MEDICINE – PAPER – I (ESSAY)

Friday, December 05, 2008

Time available: 10.30 – 13.00 Hours   Maximum Marks: 48

✍ **All questions are compulsory.**

✍ **Illustrate your answers with suitable diagrams wherever necessary.**

✍ **Essay/Long Questions:**

1. Classify Rickettsial Diseases including the Rickettsial agents and Vectors. Describe in brief about Scrub Typhus.

(5+4 = 9 marks)

2. Classify the epidemiological studies. Write in detail about the method of conducting Case Control study enumerating the advantages and disadvantages of the same.

(3+6 = 9 marks)

3. **Short Notes:**

3A. Human Development Index.

3B. Enumerate Modes of Intervention with examples.

3C. Write the National Immunization Schedule.

3D. Write the steps of Investigation of Epidemic Outbreak.

3E. Measures of Central Tendency.

3F. Explain "Lead Time" with a diagram.

3G. SARS.

3H. Why and how is Oral Polio Vaccine used in PPI?

3I. Indices for measurement of Malaria.

3J. Sanitary Well.

(3×10 = 30 marks)

MANIPAL UNIVERSITY

FINAL MBBS PART – I DEGREE EXAMINATION – DECEMBER 2008

SUBJECT: COMMUNITY MEDICINE – PAPER – II (ESSAY)

Saturday, December 06, 2008

Time available: 10.30 – 13.00 Hours   Maximum Marks: 48

✍ **All questions are compulsory.**
✍ **Illustrate your answers with suitable diagrams wherever necessary.**

✍ **Essay/Long Questions:**

1. What are the objectives of Integrated Child Development Services (ICDS) Scheme? Enumerate the beneficiaries and package of services under the scheme. Describe the job responsibilities of Anganwadi worker.

    (2+3+4 = 9 marks)

2. What is balanced diet? Enlist the principle features of severe PROTEIN ENERGY MALNUTRITION (PEM), which distinguish Kwashiorkar from Marasmus. Describe the preventive measures of PEM.

    (2+3+4 = 9 marks)

3. **Short Questions:**

3A. Child Guidance clinic.
3B. Define maternal death and enumerate the determinants of maternal mortality in India.
3C. Factors affecting fertility.
3D. National Socio-Demographic goals to be achieved by 2010.
3E. Endemic fluorosis.
3F. Enumerate the **ELEMENTS** and **PRINCIPLES** of primary health care.
3G. Enumerate the methods in health communication.
3H. Services provided by UNICEF.
3I. Primary prevention of lung cancer.
3J. Occupational hazards of Agricultural workers.

(3×10 = 30 marks)