

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION
FINAL MBBS PART – I DEGREE EXAMINATION – JANUARY 2020
SUBJECT : COMMUNITY MEDICINE – PAPER - I (ESSAY)

Wednesday, January 01, 2020

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ All questions are compulsory.

✍ Illustrate your answers with suitable diagrams wherever necessary.

✍ Long questions:

1. Define association and enumerate the various types. Discuss the additional criteria that determine an association to be causal.

(1+3+6 = 10 marks)

2. Describe the epidemiology and control of dengue fever and dengue haemorrhagic fever in India.

(5+5 = 10 marks)

3. Short Questions:

3A. Discuss the term “primordial prevention” with a suitable example.

3B. Give an account of natural history of a disease.

3C. Mention the factors that determine the effective functioning of a cold chain.

3D. Epidemiologic basis of hepatitis B vaccination.

3E. Describe the steps in carrying out a randomized controlled trial (RCT).

3F. Discuss the term ‘Confounder’ in analytical studies.

3G. Illustrate the method of assessing ‘validity of a screening test’.

3H. Concept of Normal Distribution.

3I. Discuss the merits of Sample Registration System as a source of health information.

3J. Discuss the principles of post exposure treatment in Rabies.

3K. Management of presumptive drug resistant Tuberculosis case.

3L. Universal precautions.

3M. Measles Rubella Elimination campaign.

3N. Surveillance of drinking water quality.

3O. Integrated Vector control measures.

(4 marks × 15 = 60 marks)



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SUBJECT : COMMUNITY MEDICINE – PAPER - II (ESSAY)

Thursday, January 02, 2020

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ **All questions are compulsory.**

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

✍ **Long questions:**

1. Define severe acute malnutrition(SAM). Briefly discuss management of medical complications in a child with SAM at a health facility. What are the services provided at a nutritional rehabilitation center?

(1+5+4 = 10 marks)

2. Discuss the epidemiology of type II diabetes mellitus. Discuss the steps taken for its prevention.

(3+ 7 = 10 marks)

3. **Short Notes:**

3A. Name any four important causes of neonatal deaths in India. What are the interventions to reduce neonatal mortality?

(1+3 = 4 marks)

3B. Discuss briefly “risk approach to maternal & child health care”.

(4 marks)

3C. Enumerate the aspects of school health services.

(4 marks)

3D. Unmet needs of family planning.

(4 marks)

3E. What is “female deficit syndrome”? Add a note on its significance.

(4 marks)

3F. What are the manifestations of Endemic Fluorosis? Name the interventions for its prevention.

(4 marks)

3G. What is pasteurization of milk? Write briefly about its types.

(4 marks)

3H. Discuss food fortification with suitable examples.

(4 marks)

3I. Job responsibilities of ASHA Worker.

(4 marks)

- 3J. Elements of Primary Health Care. (4 marks)
- 3K. What is group approach of Health education? Add a note on role play. (4 marks)
- 3L. Functions of UNICEF. (4 marks)
- 3M. Genetic counselling and its types. (4 marks)
- 3N. Prevention of Lead Poisoning. (4 marks)
- 3O. Screening for cancers in a primary health care setting. (4 marks)

