

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

Monday, September 07, 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 the term case and control. Describe the steps of a case control study highlighting on care to be taken to reduce the various types of bias.

(10 marks)

2. Discuss epidemiology of Malaria. What are the current guidelines for management of Falciparum malaria? Write a brief note on treatment failure.

(10 marks)

3. Write short notes on:

3A. Define and discuss the natural history of a disease with a neat diagram.

3B. At- Risk groups

3C. Randomisation and its significance

3D. Short term fluctuation with examples

3E. Explain Retrospective cohort study with examples.

3F. Importance of incubation period in epidemiological studies

3G. It is worthwhile screening for Diabetes Mellitus. Justify.

3H. Define the measures used for evaluation of screening test.

3I. Control of typhoid fever based on chain of transmission

3J. Tuberculosis and Tobacco is associated. Justify.

3K. Bacterial and morphological index

3L. Control of Japanese Encephalitis

3M. Prevention and control of air pollution

3N. Mosquito Antilarval chemical control measures

3O. Discuss the principle and methods of chlorination.

(4 marks × 15 = 60 marks)



Reg. No.

**MANIPAL ACADEMY OF HIGHER EDUCATION**

**FINAL MBBS PART – I DEGREE EXAMINATION – SEPTEMBER 2020**

**SUBJECT : COMMUNITY MEDICINE – PAPER - II (ESSAY)**

Tuesday, September 08, 2020

Time: 10:20 – 13:00 Hrs.

Maximum Marks: 80

✍ **All questions are compulsory.**

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

✍ **Essay questions:**

1. Define maternal mortality ratio (MMR). Mention the various determinants of maternal mortality in India. What are the services provided under Reproductive and Child Health Programme to prevent maternal mortality in India?

(2+3+5 = 10 marks)

2. Discuss the risk factors for hypertension. Explain the various prevention and control measures to be taken to reduce the burden of this disease.

(5+5 = 10 marks)

3. **Short notes:**

3A. Enumerate the high risk antenatal cases. Discuss briefly the specific health protection given to antenatal women.

3B. Classify accidents. What are the various measures for prevention of road traffic accidents?

3C. Mention the risk factors for breast cancer. Add a note on its prevention and control.

3D. Discuss the advantages and disadvantages of intra-uterine devices.

3E. Briefly explain demographic cycle with examples.

3F. Explain the various methods available for assessing nutritional status.

3G. Juvenile Delinquency.

3H. Enumerate the health problems of the school children.

3I. Services provided through Integrated Child Development Services (ICDS) scheme.

3J. Mention the services provided at sub-center level.

3K. Discuss briefly the barriers for communication.

3L. Discuss the functions of UNICEF.

3M. Uses of under-five growth card.

3N. Mention the health problems of the aged population in India.

3O. Discuss briefly the occupational cancers. Mention various measures to control them.

(4 marks × 15 = 60 marks)

