

Reg. No.....

MPH Part II Degree Regular Examinations December 2019

Paper I – Intermediate Epidemiology & Biostatistics, Health Informatics and Chronic & Infectious Disease Epidemiology

Time: 3 Hours

Max Marks: 100

- Answer all the questions
- Write Section A and Section B in separate answer books. Do not mix up questions from section A and section B

QP Code: 201314

Max Marks: 50

Section A – Intermediate Epidemiology and Biostatistics, Health Informatics

Short Essays:

(2x10=20)

1. Describe the importance of reliability, validity and sampling for the data collection process in Epidemiological studies.
2. Describe the tests of significance used in Public health with examples.

Short Notes:

(6x5=30)

3. Health Management Information System (HMIS)
4. Mantel-Haenszel method
5. Simple Linear regression
6. Epidemiological data analysis.
7. Analysis of Variance (ANOVA)
8. Confounding in Epidemiological studies

QP Code: 202314

Max. Marks: 50

Section B – Chronic and Infectious Disease Epidemiology

Short Essay:

(2x10=20)

1. Explain the strategies for prevention, different levels of prevention in Non Communicable Diseases (NCDs) with examples
2. Describe the Epidemiology of Tuberculosis. Add a note on Control and Preventive measures to reduce the prevalence.

Short Notes:

(6x5=30)

3. WHO STEPs approach
4. Partnerships in Non Communicable Disease(NCD) prevention and control
5. Bio-terrorism
6. Epidemiological triad
7. Health transition in India
8. Disease surveillance
