

Reg No.....

MPH Part II Degree Examinations November 2019

Paper I – Intermediate Epidemiology and Biostatistics, Health Informatics, and Chronic and 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. Define and explain confounding with an example. Considering randomized control trial or a case- control study design which would provide the best opportunity to control for confounding. Explain your choice of study design with ways to control confounding.
2. Describe briefly about the common statistical tests used in public health and discuss them with examples.

Short Notes

(6x5=30)

3. Inductive and deductive reasoning
4. Effect modification
5. Crude and adjusted Odd Ratios
6. Hypothesis testing
7. Errors in statistical testing
8. Chi-square analysis

QP Code:202314

Max Marks: 50

Section B – Chronic and Infectious Disease Epidemiology

Short Essays

(2x10=20)

1. Explain the difference between Non communicable and communicable diseases with examples. What are the major Non Communicable Diseases (NCDs) in India. What are the common risk factors of NCDs and describe the major sources of NCD related data.
2. Describe the steps in outbreak investigation

Short Notes:

(6x5=30)

3. Framework Convention on Tobacco Control (FCTC)
4. Global Physical Activity Questionnaire (GPAQ)
5. Burden of Diseases due to NCDs
6. Nipah virus infection
7. Modes of disease transmission
8. Laboratory techniques used in screening of infectious diseases

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MPH Part II Degree Examinations November 2019

Paper II – Health Policy and Economics, and Health Care Financing

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:203314

Max Marks: 50

Section A - Health Policy

Short Essays

(2x10=20)

1. Discuss the salient features of the National Health Policy of 2002. What are the important shifts in the policy compared to 1983 National Health Policy.
2. What are the major elements of Health Sector Reforms. Explain their rationale in India and comment on the effects.

Short Notes:

(6x5=30)

3. Health System in Canada
4. Log- frame analysis in policy studies
5. Public Private partnership in health care
6. Community based Health insurance in India
7. Logic of Health Insurance in the Indian context
8. Quality of care in hospital setting

QP Code:204314

Max Marks: 50

Section B – Health Economics and Health Care Financing

Short Essays

(2x10=20)

1. Explain Cost-Benefit and Cost-Effectiveness Analysis in Health care.
2. Discuss Demand and Supply in Health care and the role of the market in inducing demand

Short Notes:

(6x5=30)

3. Economic rationale of Health Insurance
4. User Fees in Health care
5. Market failure and health
6. Private vs. Public health care
7. Role of the State in health care: Merits and Demerits
8. Budgetary allocation for health
