

First M.P.H. Examination, Winter - 2022
PRINCIPLES AND PRACTICES OF PUBLIC HEALTH, HEALTH,
INTRODUCTION TO HEALTH SYSTEM AND POLICY IN
DEVELOPING COUNTRIES, PRINCIPLES OF RESEARCH
METHODS, BASIC BIOSTATISTICS (Paper - I)

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) *Use blue/black ball point pen only.*
 - 2) *Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.*
 - 3) *All questions are compulsory.*
 - 4) *The number to the right indicates full marks.*
 - 5) *Draw diagrams wherever necessary.*
 - 6) *Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.*
 - 7) *Use a common answerbook for all sections.*

1. Short Answer Questions (Solve any five out of six) : [5×10=50]

- a) Which are the core activities of the Public Health System?
- b) Differentiate between quantitative and qualitative research.
- c) What are the criteria for healthful housing?
- d) Give the difference between 'Research Question' and 'Hypothesis'
- e) Which are the methods of water purification at the household level?
- f) Give the ethical considerations while developing a Research Question.

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2. Long Answer Questions (Solve any two out of three) : [2×25=50]

- a) Describe the duties of a Medical Officer posted at Primary Health Center under the following headings, curative work, preventive and promotive work, training, and administrative work.
- b) Discuss the essential building blocks of 'Research Methodology' with suitable examples.
- c) Enumerate the sources and health hazards of air pollution. Describe the measures for its prevention and control.

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First M.P.H. Examination, Winter - 2022
BASIC EPIDEMIOLOGY INCLUDING NON-COMMUNICABLE
DISEASES PUBLIC HEALTH SURVEILLANCE, LAW AND ETHICS
IN PUBLIC HEALTH (Paper - II)

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use blue/black ball point pen only.
 - 2) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) All questions are compulsory.
 - 4) The number to the right indicates full marks.
 - 5) Draw diagrams wherever necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for all sections.

1. Short Answer Questions (Solve any five Out of six): [5×10=50]
- a) Differentiate between screening test and diagnostic tests.
 - b) Discuss the evaluation of surveillance activities briefly.
 - c) What is the role of laboratories in the surveillance of non-communicable diseases?
 - d) Enlist the Communicable Diseases under Integrated Disease Surveillance Project.
 - e) Enumerate and briefly describe the steps in Randomized Controlled Trial.
 - f) How will you carry out active surveillance for malaria?

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2. Long Answer Questions (Solve any two Out of three): **[2×25=50]**

- a) Describe the epidemiology of obesity. How would you advise a middle-aged man of 90 kg weight and 170 cm height to reduce weight?
- b) Discuss the Natural History of the Disease and levels of prevention and control of the disease.
- c) Describe the epidemiology of AIDS. Enumerate the strategy for its prevention.

First M.P.H. Examination, Winter - 2022

**HEALTH PROMOTION APPROACHES, METHODS AND EVALUATION, SOCIAL
AND BEHAVIOUR CHANGE COMMUNICATION IN HEALTH CARE,
REPRODUCTIVE, MATERNAL HEALTH, CHILD HEALTH AND ADOLESCENT
(RMNCH+AN) (PAPER - III)**

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
 - 5) Draw diagrams **wherever necessary**.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answerbook for **all** sections.

1. Short Answer Questions (Solve any five Out of six): [5×10=50]

- a) Write a short note on 'Congenital Malformations'.
- b) Navjat Shishu Suraksha Karyakram.
- c) Enumerate the adolescent health needs.
- d) Write in brief about 'Principles of artificial feeding.
- e) Enlist the various health problems in children.
- f) Uses of growth chart.

P.T.O.

Long Answer Questions (Solve **any two** Out of three):

[2×25=50]

- a) Discuss the various components of school health Service.
- b) Define Perinatal Mortality Rate. Comment upon its incidence in India. What are the causes of perinatal mortality in India. Suggest measures to improve perinatal health in India?
- c) Define Maternal mortality ratio Discuss the social and Health System factors contributing to Maternal mortality. Suggest preventive and social measures to reduce maternal mortality ratio in the country.

