



RAN-2506220101010501

## Diploma in Public Health Examination September - 2025

## Paper - I

Time: 3 Hours ]

[ Total Marks: 100

## સૂચના : / Instructions

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

Diploma in Public Health

Name of the Subject :

Paper - I

Subject Code No.: 2506220101010501

Seat No.:

     

Student's Signature

## Q. 1. Long Answer Question

(20×3=60)

1. Describe the key preventive strategies for occupational diseases, focusing on medical, engineering, and legal measures
2. Define emerging and re-emerging diseases. Explain the factors contributing to their occurrence, and describe in detail the strategies for their prevention and control
3. Draw a neat, labelled diagram depicting the natural history of nutritional diseases, and describe in detail the key methods of nutritional assessment.

## Q. 2. Short Answer Questions

(10×4=40)

1. Enumerate the factors that led to the global eradication of smallpox and briefly explain each.
2. List the mosquito-borne diseases prevalent in India and briefly describe the integrated approach to vector control.
3. Explain the Rule of Halves and the Tracking Phenomenon in hypertension, and outline the WHO-recommended approach for its prevention.
4. Classify the different types of tests of significance. How do you choose an appropriate test of significance?



RAN-2506220101010503



## Diploma in Public Health Examination September - 2025

## Paper - III

Time: 3 Hours |

[ Total Marks: 100

## સૂચના : / Instructions

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

Fill up strictly the details of signs on your answer book

Name of the Examination:

Diploma in Public Health

Name of the Subject :

Paper - III

Subject Code No.: 2506220101010503

Seat No.:

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Student's Signature

## Q. 1. Long Answer Question

(20×3=60)

1. Discuss the role of international health agencies in addressing public health problems in India, with suitable examples.
2. Classify the different management techniques. Explain in detail cost-benefit analysis and cost-effectiveness analysis with suitable examples.
3. Write a short note on the Biomedical Waste (Management and Handling) Rules, 2016 (amended 2018 & 2019), highlighting its key provisions, segregation, treatment, and disposal methods.

## Q. 2. Short Answer Questions

(10×4=40)

1. Write a short note on the National Institution for Transforming India (NITI Aayog) under the following headings: rationale behind its initiation, organizational structure and important functions.
2. Discuss the integration of the AYUSH system with the allopathic system of medicine in India. Highlight its rationale, benefits, challenges, and future prospects.
3. Write a short note on the SWOC (Strengths, Weaknesses, Opportunities, and Challenges) analysis of Competency-Based Medical Education (CBME) in India
4. Briefly discuss the key measures to improve the disease surveillance system in India.



RAN-2506220101010502

# Diploma in Public Health Examination September - 2025

## Paper - II

Time: 3 Hours ]

[ Total Marks: 100

### સૂચના : / Instructions

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
 Fill up strictly the details of signs on your answer book

Name of the Examination:

Diploma in Public Health

Name of the Subject :

Paper - II

Subject Code No.: 2506220101010502

Seat No.:

     

Student's Signature

Q-1.

### Long Answer Question

20 Marks

- What are the essential components of a primary health care system, and how can they be implemented effectively?

Q-2.

### Long Answer Question

20 Marks

- How does the Panchayat Raj system influence health care delivery in rural areas, and what are its strengths and weaknesses?

Q-3.

### Long Answer Question

20 Marks

- What are the essential components of a research study, and how can research methodology be applied to investigate public health issues?

Q-4.

### Short Answer Questions (4 × 10)

40 Marks

- Enumerate the essential skills required for effective public health leadership and briefly explain their importance.
- Discuss the role of social determinants of health in influencing health outcomes, with suitable examples.
- Explain the role of Reproductive and Child Health (RCH) programs in reducing maternal and child mortality rates in India.
- Describe the key principles of effective scientific communication with suitable examples.