

July 2023

**BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION**

[Time : 3 Hours]

[Max.Marks : 100]

**MD COMMUNITY MEDICINE – PAPER – I
QP CODE 5037**

Your answer should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
Each answer should be written on new page only.
Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Write on the 'END TB STRATEGY', highlighting its principles and pillars under Revised National TB control Program.
2. Describe the problem of cancer in India. Explain in detail the objectives and strategies of National Cancer Control Programme in India. Add a note on Cancer Registry and Cancer Atlas.

Short Essay

(6x10=60 Marks)

3. Enumerate Emerging diseases in India. Explain the strategies for prevention and control.
4. What are E – Toilets? Add a note on swachh Bharat Abhiyan
5. Explain the concept of disease control, disease elimination and disease eradication with examples.
6. Risk measurement in epidemiology
7. Community Diagnosis.
8. Application of High Risk strategy for control of Diabetes Mellitus in a community.

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**MD COMMUNITY MEDICINE – PAPER - II
QP CODE: 5038**

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Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Describe in detail the concept of management by objectives (MBO) and its application in health sector
2. Explain the epidemiological indicators for rural health. Discuss the prevention and control of diarrheal disease in rural areas.

Short Essay

(6x10=60 Marks)

3. Critically appraise the health care delivery system at various levels in India
4. 'SIDA
5. Explain cost effective analysis v/s cost benefit analysis with examples.
6. Public Health Amendment Act 2017
7. Thrust Areas of NPCB
8. W.H.O

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**MD COMMUNITY MEDICINE – PAPER – III
QP CODE 5039**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. What are the nutritional challenges in India? How can multi-sectoral approach help to solve nutritional problem?
2. What are the health and social problems associated with old age? Discuss the role of voluntary organizations providing support to the old age people.

Short Essay

(6x10=60 Marks)

3. Outline the public health implications of Radioactive Waste disposal.
4. Causes of Sickness Absenteeism and methods to tackle the problem.
5. Genetic Engineering.
6. Role of Anti Oxidants in health.
7. Concept of Normal Distribution.
8. Discuss the role of eligible couple, target couple and couple protection rate in stabilizing the population.

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**MD COMMUNITY MEDICINE – PAPER - IV
QP CODE: 5040**

Your answer should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
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Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Define 'Population Genetics'. Explain 'Hardy Weinberg Law'. Discuss various measures for prevention and control of genetic disorders
2. What is sampling ? Describe various sampling methods used in biomedical research. Describe different methods of sample size estimation.

Short Essay

(6x10=60 Marks)

3. National mental health program
4. Role of emotions in health and disease
5. Null hypothesis
6. Telemedicine and community health
7. Role of cultural factors in health and disease
8. Ethics in human research