

July - Aug - 2021

**BLDE (DEEMED TO BE UNIVERSITY)
MASTER OF PUBLIC HEALTH EXAMINATION**

[Time: 3 Hours]

[Max.Marks: 80]

I SEMESTER

PAPER – I (Epidemiology & Research Methodology)

QP CODE: 9101

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

3 x 10 = 30 Marks

1. Define epidemiology. Explain the steps in case control study.
2. Enumerate and explain the different steps involved in an outbreak investigation.
3. Explain in detail the natural history of diseases.

Short Essays:

10 x 5 = 50 Marks

4. Explain association and causation with examples.
5. Describe the secular trend with example
6. In the case of a rare disease, the OR and RR can have very similar values. Explain the reasons behind this similarity.
7. Design of a Randomized Clinical Trial for a hypothetical study.
8. Define Surveillance and Monitoring
9. Write the uses of epidemiology
10. What are the criteria for screening
11. Describe the modes of transmission of diseases
12. Explain the different components of Cold Chain.
13. Classify epidemiological study designs.

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I SEMESTER

PAPER – III (Social and Behavior change in Health care, Communication skill in Health care)

QP CODE: 9103

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

3 x 10 = 30 Marks

1. Describe the social health problems in India
2. What are the types of communications? Explain usage of media for communication.
3. Define family and enumerate different types of families. Describe the functions of family relevant to health and disease.

Short Essays:

10 x 5 = 50 Marks

4. Explain the role of private sector in health promotion in Indian Context.
5. Describe Social security related to health
6. Barriers of communication with examples.
7. Define society, community, social institution.
8. Role of culture in public health.
9. Define social pathology. Give example.
10. Write the model of communication process.
11. Write about principles of sociology.
12. Describe a health behavior in your area which has negative impact on public health
13. What is Acculturation? Explain with an example

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III SEMESTER

PAPER – I (Health Planning & Management, Health Economics, Public Health Nutrition)

QP CODE: 9301

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

5 x 10 = 50 Marks

1. Describe the methods of assessment of nutritional status in a community (2+8)
2. Define planning and write in detail the steps of health planning (2+8)
3. Name all the nutritional programmes. Write about iodine deficiency disorder (3+7)
4. Define management and write the quantitative methods of management techniques (2+8)
5. What are major nutritional health problems in India? Add a note on protein energy malnutrition (2+8)

Short Essays:

6 x 5 = 30 Marks

6. Difference between cost effective and cost benefit analysis
7. Write a note on Mudaliar committee
8. Define and classify food additives with examples
9. Briefly write Panchyat Raj system in rural health system in India
10. Write the stages of lathyrism and its preventive methods
11. Methods of pasteurization of milk

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III SEMESTER

PAPER – II (Occupation and Environmental Health)

QP CODE: 9302

Your answer should be specific to the questions asked.
Write Question No. in left side of margin.

Long Questions

5 x 10 = 50 Marks

1. What are Legislative measures of prevention of Occupational diseases?
2. Discuss health problems due to Industrialization
3. Explain Sickness Absenteeism
4. Discuss water quality criteria & standards
5. Discuss housing standards & health

Short Essays:

6 x 5 = 30 Marks

6. Occupational Cancers
7. Describe Silicosis
8. Chlorination of water
9. Water conservation
10. Indices of Thermal comfort
11. Effects of Noise exposure

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III SEMESTER

PAPER – III (Maternal & Child Health)

QP CODE: 9303

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

5 x 10 = 50 Marks

1. Define maternal mortality ratio. Discuss its causes & prevention
2. Discuss briefly Prenatal advices given to pregnant women
3. Discuss the health problems of aged people?
4. Discuss briefly child health problems
5. Discuss Integrated Management of Childhood Illness

Short Essays:

6 x 5 = 30 Marks

6. What is child guidance clinic?
7. Discuss causes of Under-5 mortality rate
8. Describe Growth chart used in India & its uses
9. Discuss advantages of breast feeding
10. Enumerate danger signals during Labour
11. What are the objectives of early neonatal care?

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I SEMESTER

PAPER – II (Principles and Practice of Public Health, Health Care Delivery System)

QP CODE: 9102

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

3 x 10 = 30 Marks

1. Staffing pattern at PHC. Add a note on functions of Medical Officer
2. Explain the principles of primary health care.
3. Write in brief about evolution of Public Health in India

Short Essays:

10 x 5 = 50 Marks

4. Three tier system of health care with example.
5. Explain function of Health administration system at state level.
6. Functions of UNICEF and CARE
7. Write differences between public health and clinical medicine
8. Roles and responsibilities of Auxiliary Nurse Midwifery
9. Functions of World Health Organization
10. Explain in detail health insurance with example
11. Explain Community Diagnosis
12. Explain Importance of public private partnerships in health care delivery
13. Describe the Principles of Health education