

[LO 0519]

MAY 2019

Sub. Code: 1905

**M.Sc. IN PUBLIC HEALTH EXAMS
SECOND YEAR
PAPER V – EPIDEMIOLOGICAL METHODS IN HEALTH
MANAGEMENT**

Q.P. Code : 281905

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What is sex ratio? Name the contributors for adverse sex ratio in India. List out the activities undertaken by Government of India to prevent decline in sex ratio and give your comments.
2. Explain the role of Cultural practices on health and development of disease with suitable examples.

II. Write notes on:

(10 x 6 = 60)

1. Strategies being followed for Tuberculosis free Chennai initiative.
2. Measures of fertility.
3. Principles of learning.
4. The Noise regulation rules 2000.
5. Time motion studies.
6. Different types of costs in Health financing.
7. Dependency ratio.
8. Standardized mortality rate.
9. Sickness Absenteeism.
10. Supportive supervision.

[[LQ 1019]

NOVEMBER 2020
(MAY 2020 EXAM SESSION)

Sub. Code: 1905

**M.Sc. IN PUBLIC HEALTH
SECOND YEAR
PAPER V – EPIDEMIOLOGICAL METHODS IN HEALTH MANAGEMENT**

Q.P. Code : 281905

Time: Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are the reasons for Anaemia being a Public Health problem in India? Discuss the National Nutritional Anaemia Control Programme. Give your suggestions as a public health expert to control Anaemia.
2. Explain the Epidemiology of Road Traffic Accidents. What are the preventive measures to bring down Road Traffic Accidents?

II. Write notes on:

(10 x 6 = 60)

1. Group Dynamics.
2. Role of Information Technology in Health management.
3. Qualities of a Leader.
4. Population Pyramid.
5. Operational Research.
6. Types of Census.
7. Modern Management Techniques.
8. Maslow's Hierarchy of needs.
9. Performance Appraisal.
10. Community needs Assessment.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0321]

MARCH 2021

Sub. Code: 1905

(OCTOBER 2020 EXAM SESSION)

M.Sc. PUBLIC HEALTH

SECOND YEAR (From 2017-2018 onwards)

PAPER V – EPIDEMIOLOGICAL METHODS IN HEALTH MANAGEMENT

Q.P. Code : 281905

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Mention the risk factors for road traffic accidents. Describe the measures for prevention of road traffic accidents.
2. Write in detail about Reproductive and Child Health Program in India.

II. Write Short Notes on:

(10x6 = 60)

1. Sentinel Surveillance.
2. Ergonomics.
3. Health Education versus Health Propaganda.
4. Barriers of Communication.
5. Factors affecting Motivation.
6. Demographic Cycle.
7. Measures to prevent air pollution.
8. Network Analysis.
9. Gross Reproduction Rate and Net Reproduction Rate.
10. Public Health Advocacy.

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[AHS 0921]

**SEPTEMBER 2021
(MAY 2021 EXAM SESSION)**

Sub. Code: 1905

**M.Sc. PUBLIC HEALTH
SECOND YEAR (From 2017-2018 onwards)
PAPER V – EPIDEMIOLOGICAL METHODS IN HEALTH MANAGEMENT
*Q.P. Code : 281905***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Discuss the Contents and Principles of Health Education.
2. National Health Mission.

II. Write Short Notes on:

(10x6 = 60)

1. Family Planning and Social Factors.
2. Cost effective and Cost benefit analysis.
3. Health problems due to industrialization.
4. Overcrowding and Social distancing in communicable diseases.
5. Personal Protective Equipments (PPE) in work place.
6. Sample Registration System.
7. Demographic trends in India.
8. Zero based budget.
9. Appropriate technology in health care.
10. Monitoring and Evaluation.

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[AHS 0122]

**JANUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 1905

**M.Sc. PUBLIC HEALTH
SECOND YEAR (From 2017-2018 onwards)
PAPER V – EPIDEMIOLOGICAL METHODS IN HEALTH MANAGEMENT
*Q.P. Code : 281905***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Write in detail about the Occupational Health Hazards and Diseases. Discuss the measures for prevention of Occupational Health Hazards and Diseases.
2. Discuss in detail about Health Communication. Add a note on Barriers of Communications.

II. Write Short Notes on:

(10x6 = 60)

1. Sex Ratio.
2. Measures of Mortality.
3. Sources of Health Information.
4. Methods of Group Teaching in Health Education.
5. Performance Appraisal.
6. Health Promotion and Health Advocacy.
7. Isolation and Quarantine in communicable diseases.
8. Public Private Partnership in health care delivery.
9. Objectives of Integrated Child Development Services (ICDS) Scheme.
10. Management by Objectives.

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[AHS 1022]

OCTOBER 2022

Sub. Code: 1905

**M.Sc. PUBLIC HEALTH
SECOND YEAR (From 2017-2018 onwards)
PAPER V– EPIDEMIOLOGICAL METHODS IN HEALTH MANAGEMENT**

Q. P. Code: 281905

Time: Three hours

Maximum : 100 Marks

Answer ALL Questions

I. Elaborate on:

(2 x 20 = 40)

1. What are the various types of programme evaluation? Discuss a plan to evaluate a proposed community health education intervention programme.
2. Explain the principles of health communication. Describe the various methods of health communication.

II. Write notes on:

(10 x 6 = 60)

1. Net-work analysis.
2. Parameters of malaria surveillance.
3. Principles of health manpower planning.
4. Barriers of health communication.
5. E- sanjeevani OPD.
6. Employees' state insurance scheme-Benefits to the employees.
7. Health economics.
8. Cost effective analysis.
9. Health hazards of health care wastes.
10. Makkalai Thedi Maruthuvam –services offered.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 1023]

OCTOBER 2023

Sub. Code: 1905

**M.Sc. PUBLIC HEALTH
SECOND YEAR (From 2017-2018 onwards)
PAPER I – EPIDEMIOLOGICAL METHODS IN HEALTH MANAGEMENT**

Q. P. Code: 281905

Time: Three hours

Maximum: 100 Marks

Answer ALL Questions

I. Elaborate on:

(2 x 20 = 40)

1. Describe how you would undertake the evaluation of National Tuberculosis Elimination programme in a district? Add a note on TB free India initiative.
2. Explain the principles of primary care. Distinguish between Management and Administration. Discuss the Management functions in a primary health centre.

II. Write notes on:

(10 x 6 = 60)

1. Social Marketing.
2. NITI Aayog.
3. Zero based budget.
4. Operational research.
5. Principles of health communication.
6. Global Positioning System (GPS) and Health.
7. Universal Health Coverage in India.
8. Planning cycle.
9. SWOT Analysis.
10. PERT analysis.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0524]

MAY 2024

Sub. Code: 1905

**M.Sc. PUBLIC HEALTH
SECOND YEAR (From 2017-2018 onwards)
PAPER I – EPIDEMIOLOGICAL METHODS IN HEALTH MANAGEMENT**

Q. P. Code: 281905

Time: Three hours

Maximum: 100 Marks

Answer ALL Questions

I. Elaborate on:

(2 x 20 = 40)

1. Define evaluation. What are the different types of evaluations and describe in detail the steps you would undertake in evaluation of programme aimed at 100% institutional deliveries in a district.
2. What are the uses of health information system? Describe the various sources of health information system in India.

II. Write notes on:

(10 x 6 = 60)

1. Assessment of health care needs in a community.
2. Brain storming.
3. Health insurance in India.
4. Critical path method.
5. Pre-placement and periodical examinations.
6. International Health Regulation.
7. Medical Audit.
8. Costs benefit analysis.
9. System analysis.
10. Health and wellness center.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 1024]

OCTOBER 2024

Sub. Code: 1905

**M.Sc. PUBLIC HEALTH
SECOND YEAR (From 2017-2018 onwards)
PAPER I – EPIDEMIOLOGICAL METHODS IN HEALTH MANAGEMENT**

Q. P. Code: 281905

Time: Three hours

Maximum: 100 Marks

Answer ALL Questions

I. Elaborate on:

(2 x 20 = 40)

1. Write briefly about Integrated Child Development Services (ICDS). Critically evaluate ICDS program in India.
2. What are the causes of Air pollution? How will you monitor the air pollution? Describe the steps of controlling the air pollution.

II. Write notes on:

(10 x 6 = 60)

1. Telemedicine.
2. Scope of Artificial intelligence in public health.
3. Concepts of costs.
4. Social marketing.
5. Methods of performance appraisal.
6. Mass communication.
7. Measures of mortality.
8. Census 2011.
9. Health education Vs Propaganda.
10. Theories of motivation.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0525]

MAY 2025

Sub. Code: 1905

**M.Sc. PUBLIC HEALTH
SECOND YEAR (From 2017-2018 onwards)
PAPER I – EPIDEMIOLOGICAL METHODS IN HEALTH MANAGEMENT**

Q. P. Code: 281905

Time: Three hours

Maximum: 100 Marks

Answer ALL Questions

I. Elaborate on:

(2 x 20 = 40)

1. Write briefly about National Iodine Deficiency Disorders Control Programme (NIDDCP) Critically evaluate the program in India using SWOT Analysis.
2. Describe the concepts and methods of Health Counseling. Discuss the counseling steps in HIV Testing.

II. Write Short notes on:

(10 x 6 = 60)

1. Factors affecting Fertility.
2. Standardized Mortality Ratio (SMR).
3. Principles of Learning.
4. Industrial Accidents.
5. Principles of Ergonomics in Health Preservation.
6. Conflict Management.
7. Barriers of Communication.
8. Role of Culture in Health and Disease.
9. Roles and responsibilities of ASHA.
10. Cost Effectiveness Analysis.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 1025]

OCTOBER 2025

Sub. Code: 1905

**M.Sc. PUBLIC HEALTH
SECOND YEAR (From 2017-2018 onwards)
PAPER I – EPIDEMIOLOGICAL METHODS IN HEALTH MANAGEMENT**

Q. P. Code: 281905

Time: Three hours

Maximum: 100 Marks

Answer ALL Questions

I. Elaborate on:

(2 x 20 = 40)

1. Write briefly about National rural health mission (NRHM). Critically evaluate NRHM in India.
2. What are the causes of maternal death in India? Plan a community based intervention to reduce the maternal mortality in your district.

II. Write notes on:

(10 x 6 = 60)

1. Management by objective.
2. Man management.
3. Budgeting.
4. Social security.
5. Water quality monitoring.
6. Interpersonal communication techniques.
7. Behavioral change communication.
8. Impact of Cultural factors on health.
9. Principles of health communication.
10. Conflict management.
