## 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.

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**M.Sc. IN PUBLIC HEALTH**
**SECOND YEAR**
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*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.

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

**[AHS 0921]**           **SEPTEMBER 2021**           **Sub. Code: 1905**
**(MAY 2021 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. 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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**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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**M.Sc. PUBLIC HEALTH**
**SECOND YEAR (From 2017-2018 onwards)**
**PAPER V– EPIDEMILOGICAL 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 aproposed community health education intervention programme.

2. Explain the principles of health communication. Describe the various methods ofhealth 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.

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**M.Sc. PUBLIC HEALTH**
**SECOND YEAR (From 2017-2018 onwards)**
**PAPER I – EPIDEMILOGICAL 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 Himination 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.

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