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

[MD 0524] **MAY 2024** **Sub. Code: 4039**

M.D. DEGREE EXAMINATION

BRANCH XV – COMMUNITY MEDICINE

PAPER III – SOCIAL & BEHAVIORAL SCIENCES – APPLIED ASPECTS, SCIENTIFIC COMMUNICATIONS & MEDICAL WRITING, RESEARCH METHODOLOGY, PUBLIC HEALTH LEGISLATIONS, INTERNATIONAL HEALTH & GLOBAL SURVEILLANCE

Q.P. Code: 204039

Time : Three Hours **Maximum : 100 Marks**

I. Essay: **(2 x 15 = 30)**

1. Describe the Use and Verbal Autopsy in Health Care System. Write briefly about its use in Infant Death and Surveillance Response.

2. Outline the strength and weakness of Focus Group Discussion (FGD). Discuss the qualities of facilitator of FDG with suitable scenario.

II. Short notes: **(10 x 5 = 50)**

1. List the purpose for which ILO was established.
2. Brief account on Critical Appraisal of a Published Article in an Indexed Journal.
3. Lay Reporting.
4. Notification of diseases – list and its merits and demerits.
5. Core conditions under Regular Surveillance of IDSP.
6. Significance of p value in hypothesis testing.
7. Enlist the research methods for Social diagnosis.
8. COTPA Act.
9. What are legislative measures to ensure health and welfare of women workplace?
10. How do you plan and organize containment zone to prevent SARS?

III. Reasoning Out: **(4 x 5 = 20)**

1. Distinguish b/w data and information.
2. Adolescent Counselling is Sensitive one and it would be conducted in special way – Discuss.
3. Discuss the application of GIS (Geographic Information System) in Public Health.
4. New diseases – New global threat – Explain.

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

[MD 1224] **DECEMBER 2024** **Sub. Code: 4039**

(OCTOBER 2024 EXAM SESSION)

M.D. DEGREE EXAMINATION

COMMUNITY MEDICINE

PAPER III – SOCIAL & BEHAVIORAL SCIENCES – APPLIED ASPECTS, SCIENTIFIC COMMUNICATIONS & MEDICAL WRITING, RESEARCH METHODOLOGY, PUBLIC HEALTH LEGISLATIONS, INTERNATIONAL HEALTH & GLOBAL SURVEILLANCE

Q.P. Code: 204039

Time : Three Hours **Maximum : 100 Marks**

I. Essay: **(2 x 15 = 30)**

1. Define Community Based Rehabilitation (CBR). Enumerate the manpower involved in CBR. Discuss the types and various components of CBR with suitable examples.
2. Define systematic review. Explain the steps of conducting systematic review. Compare and contrast Systematic and narrative review.

II. Short notes: **(10 x 5 = 50)**

1. Legislative measures against smoking in India.
2. Use of cluster sampling in coverage evaluation.
3. Discuss the salient features of the Biomedical waste disposal 2016 and also add a note on its merits and demerits.
4. Discuss the social marketing of contraceptives in light of National Health Mission.
5. Describe Social Anthropology with suitable examples.
6. Define Publication bias. Discuss in detail the various methods of identify publication bias.
7. What is Informed Consent Form and what are the components of informed consent form for research in convalescent plasma therapy.
8. Ethnographic studies.
9. Global Strategy for women, child and adolescent health 2016-2030.
10. Cases of febrile illness has shown a sudden increase in villages under your PHC. Discuss how will you investigate and take control measures.

III. Reasoning Out: **(4 x 5 = 20)**

1. Issues & implementation of randomized controlled trial for a new vaccine.
2. Social problems are the hindrance to development of the country. Discuss
3. Formal and informal leader in IEC.
4. Why is it that the doctor-patient relationship is fading away in today's health care practice? Discuss in detail the doctor-patient relationship.

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

[MD 0525] **MAY 2025** **Sub. Code: 4039**

M.D. DEGREE EXAMINATION

COMMUNITY MEDICINE

PAPER III – SOCIAL & BEHAVIORAL SCIENCES – APPLIED ASPECTS, SCIENTIFIC COMMUNICATIONS & MEDICAL WRITING, RESEARCH METHODOLOGY, PUBLIC HEALTH LEGISLATIONS, INTERNATIONAL HEALTH & GLOBAL SURVEILLANCE

Q.P. Code: 204039

Time : Three Hours **Maximum : 100 Marks**

I. Essay: **(2 x 15 = 30)**

1. What is the concept of Poverty line? Mention and elaborate the Government policy and program for social security.
2. What are the Qualitative Research methods? Enumerate the role in Public health.

II. Short notes: **(10 x 5 = 50)**

1. Criteria for declaring public health emergency of international concern.
2. Disaster preparedness.
3. Block Randomization.
4. Conditions affecting learning and domains of learning.
5. In depth interview.
6. Ethics in Research.
7. Panel discussion.
8. Food and Agriculture Organization.
9. Transplantation of Human Organs and Tissue Act.
10. Ways to develop Doctor – Patient relationship.

III. Reasoning Out: **(4 x 5 = 20)**

1. Standard error and standard deviation.
2. Human development index vs Physical quality of live index.
3. Preparedness for tackling Bioterrorism.
4. Family plays major role in health - Justify.

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

[MD 1025] **OCTOBER 2025** **Sub. Code: 4039**

M.D. DEGREE EXAMINATION

COMMUNITY MEDICINE

PAPER III – SOCIAL & BEHAVIORAL SCIENCES – APPLIED ASPECTS, SCIENTIFIC COMMUNICATIONS & MEDICAL WRITING, RESEARCH METHODOLOGY, PUBLIC HEALTH LEGISLATIONS, INTERNATIONAL HEALTH & GLOBAL DISEASES SURVEILLANCE

Q.P. Code: 204039

Time : Three Hours **Maximum : 100 Marks**

I. Essay: **(2 x 15 = 30)**

(5+10)

1. Enumerate the various chapters of "The Tamil Nadu Public Health Act, 1939". As a city health officer, how will you ensure the implementation of various aspects of this act during Fairs and Festivals in your district?

(2+10+3)

2. Define Publication ethics. Discuss in detail about the various components of publication misconduct with suitable examples. Add a note on Committee on publication ethics.

II. Short notes: **(10 x 5 = 50)**

1. Discuss briefly the legislative action that took concrete shape in India in the context of sex ratio.
2. A new drug X has been identified to cure AIDS in phase II trials. Write a protocol for Phase III trials.
3. Describe the different approaches for surveillance.
4. Discuss in detail about Food safety bill.
5. Discuss the social control mechanisms prevailing in our country.
6. Discuss the role of qualitative research methods in public health.
7. What is informed consent form and what are the components of Informed consent form for health research in India.
8. Good clinical practice in clinical research protocol.
9. Discuss on Public Health emergencies of Internation concern.
10. Social stress leads to behavioural problems. Comment on this statement.

III. Reasoning Out: **(4 x 5 = 20)**

1. Social security & social assistance - Discuss.
2. Critique on the food security bill 2013.
3. Critically review the role of media in Health Awareness of the Community.
4. "Community involvement" and "Community participation" in health and their advantages.

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

[MD 0526] **MAY 2026** **Sub. Code: 4039**

M.D. DEGREE EXAMINATION

COMMUNITY MEDICINE

PAPER III – SOCIAL & BEHAVIORAL SCIENCES – APPLIED ASPECTS, SCIENTIFIC COMMUNICATIONS & MEDICAL WRITING, RESEARCH METHODOLOGY, PUBLIC HEALTH LEGISLATIONS, INTERNATIONAL HEALTH & GLOBAL DISEASES SURVEILLANCE

Q.P. Code: 204039

Time : Three Hours **Maximum : 100 Marks**

I. Essay: **(2 x 15 = 30)**

1. Discuss the Dynamics of Human Behaviour to Health and Disease. How this understanding helps in motivation for healthy behaviour?
2. What is SWOT analysis? Make a SWOT analysis for Rogi Kalyan Samiti in Hospital Administration.

II. Short notes: **(10 x 5 = 50)**

1. Describe application of Lot Quality Assurance Sampling method in health survey.
2. Ethical issues in Biobanking.
3. Types of health care agencies. Add a note on UNICEF and its functions.
4. Brief account on World Health Day Theme of 2024.
5. Discuss different types of plagiarism in research.
6. Discuss various social security measures available for working population in India.
7. Public Health emergencies of International Concern.
8. Emporiatrics.
9. Discuss the Provisions of PCPNDT Act.
10. Notification of Diseases.

III. Reasoning Out: **(4 x 5 = 20)**

1. Discuss the ESI Act in Improvement of Industrial Workers.
2. Acculturation – Discuss its Advantages and Limitations.
3. Challenges in providing comprehensive Health Care for Elderly by Government initiatives in India.
4. Write Merits and Demerits of Hospital Records as a source of Health Information.

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