

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

[MD 1223]

**DECEMBER 2023
(OCTOBER 2023 EXAM SESSION)**

Sub. Code: 2055

**M.D. DEGREE EXAMINATION
BRANCH XV – COMMUNITY MEDICINE
PAPER IV – HEALTH PRACTICE AND ADMINISTRATION AND
RECENT ADVANCES**

Q.P. Code: 202055

Time : Three Hours

Maximum : 100 Marks

I. Essay: (2 x 15 = 30)

1. Transplantation of Human Organs and Tissue Act –Discuss its need, essential components, implementation and monitoring.
2. As a Medical Officer of PHC, How will you plan a screening program for cancer cervix in a village?

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

1. Pradhan Mantri TB Mukh Bharat Abhiyan.
2. Medical Tourism in India.
3. Enumerate the various methods of Self Directed Learning and its benefits.
4. Use of Drones in Vector and disease surveillance.
5. Application of Big data analytics in Health Care.
6. Discuss different stages of Vaccine development. Mention the ways to calculate vaccine effectiveness.
7. Using the theory of planned behavior, explain why smokers find it difficult to quit smoking.
8. What is counseling? What are principles of counseling and associated barriers? Explain with examples.
9. Describe different interventions under COTPA to address Tobacco Epidemic.
10. Discuss the various health care delivery models in India.

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

1. Digital technology has enhanced the Tuberculosis treatment and control in India – Justify.
2. E-learning is more effective than traditional teaching on academic performance of Medical students – Reason out.
3. Is Social stratification responsible for social inequality in India?
4. Covid 19 pandemic necessitated the need for Comprehensive health care law in India- Justify.
