

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

**[MD 1022]**

**OCTOBER 2022**

**Sub. Code: 2051**

**M.D. DEGREE EXAMINATION**

**BRANCH XV – COMMUNITY MEDICINE**

**PAPER I – TROPICAL MEDICINE AND PUBLIC HEALTH  
BASIC SCIENCES IN COMMUNITY MEDICINE**

*Q.P. Code: 202051*

**Time : Three Hours**

**Maximum : 100 Marks**

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

1. Health is multidimensional, critically comment and discuss in detail about various theories of disease causation.
2. A school health survey done in urban slums of a district X has revealed iron deficiency anemia as severe public health problem among adolescent girls. As a block medical officer.
  - a) Plan an intervention program with community participation component to address anemia among adolescents in your block.
  - b) Enlist programs and schemes in plan to combat anemia and explain how would you incorporate in your action plan for your service area?

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

1. E waste management.
2. Meta analysis.
3. Disaster planning and management.
4. Mental health gap.
5. Surveillance of NCD.
6. Community participation in achieving SDG.
7. Discuss challenges in vector control measures.
8. Triple Burden of Disease.
9. Tests of Significance.
10. Prevention of Air pollution.

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

1. Quantitative vs Qualitative research.
2. Effect Modifier vs Confounder.
3. Skewness vs Kurtosis in Gaussian Curve.
4. Population screening vs High Risk Screening.

\*\*\*\*\*