

QP Code:103104

Reg. No.:.....

**PG Degree Supplementary Examinations in Community Medicine (MD)
April 2026**

**Paper III - Maternal and Child Health and Family Welfare Chemistry and Physiology
of Human Nutrition, Public Health Chemistry, Environmental Sanitation**

Time: 3 hrs

Max marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (20)

1. Define perinatal mortality rate. Discuss the causes, the burden and preventive measures for perinatal mortality.

Short essays: (8x10=80)

2. As a district health officer, what community based preventive measures and advisory you would take to combat extreme heat situation lasting for a week.
3. Discuss the ecology of malnutrition.
4. Explain the principles of chlorination. Enumerate the different methods of disinfection of water, elaborating on chemical methods of disinfection.
5. Write a note on the role of Haritha Kerala Mission in maintaining environmental sanitation.
6. Discuss the fertility indicators and their utility.
7. Discuss National Nutrition Policy 1993. Mention the interventions of Anaemia Mukta Bharat strategy.
8. Classify the contraceptive methods. Elaborate the mechanism of action, advantages and disadvantages of intra uterine devices.
9. Elaborate on the preventive measures for genetic disorders.
