

QP Code:103104

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Community  
Medicine (MD) May 2021**

**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. Explain the factors contributing to infant mortality. Discuss the strategies under national health program to prevent infant mortality. Add a note on its strengths and weaknesses.

**Short essays:**

**(8x10=80)**

2. Discuss the elements under surveillance of drinking water quality.
3. What are the factors associated with declining sex ratio in India. Write in brief about the steps taken by Government of India to address this problem.
4. Explain the features of ARSH strategy
5. Causes and prevention of acid rain.
6. Discuss the methods to assess nutritional status of a community.
7. Community needs assessment approach in family planning
8. Discuss the different types of hormonal contraceptives.
9. Explain lathyrism in terms of its etiology, clinical presentation and prevention and control measures.

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