

**QP Code:103104**

**Reg. No.:.....**

**PG Degree Supplementary Examinations in Community Medicine (MD)  
November 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 WHO guidelines for drinking water quality. Discuss the principles of chlorination.

**Short essays:**

**(8x10=80)**

2. Discuss the strategies under Integrated Management of Childhood Illnesses
3. Explain the greenhouse effect
4. Write the service delivery pattern planned under National Programme for Healthcare of the Elderly in India. Add a note on its strengths and weaknesses
5. Discuss the methods to measure contraceptive efficacy.
6. Explain food adulteration with examples and add a note on Prevention of Food Adulteration Act.
7. Explain the ecology of malnutrition and measures for its prevention.
8. Discuss the baby friendly hospital initiative
9. Discuss the 5 X 5 matrix of RMNCH+A

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