

**Q.P. Code: 303001**

**Reg. no.: .....**

**Third Professional MBBS (Part I) Degree Supplementary Examinations  
January 2021**

**Community Medicine - Paper I**

**Time: 3 Hours**

**Total Marks: 60**

- *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 diagrams wherever necessary*

**Essay:**

**(10)**

1. In a study to assess the relationship between birth weight and infant mortality, 700 babies among 5500 weighed below 2500 grams at birth. They were followed up till they completed their first birthday. Of the 500 infants deaths registered, 350 occurred among babies with normal birth weight.

- What type of study is this.
- What are the steps of conducting this study.
- Construct 2 x 2 table for the for the data in the question.
- Write three advantages and disadvantages of this study.

**(2+4+2+2)**

**Problems:**

**(2x5=10)**

2. As a programme officer, what interventions will you take for prevention and control of neuro lathyrism.

3. Steps of conducting well water disinfection during an outbreak of gastro enteritis.

**Short answer Question:**

**(5x4=20)**

4. Acculturation

5. Uses of growth chart

6. Modes of intervention under primary prevention of disease

7. Beneficiary and benefits of Integrated Child Development Service scheme

8. Concept of lead time in screening

**Differentiate between:**

**(3x2=6)**

9. Shallow well and deep well

10. Eugenics and euthenics

11. Breast milk and cow milk

**Substantiate your answer with reasons:**

**(2x2=4)**

12. Egg protein is considered as reference protein

13. Free residual chlorine should be 0.5 mg/L at the end of chlorination of water

**List the following:**

**(5x2=10)**

14. Measures of dispersion

15. Biological effects of radiation

16. Indicators of physical quality of life index

17. Nutritional status assessment methods in children.

18. Non contraceptive health benefits of hormonal oral contraceptive pill

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