

**Q.P. Code: 303001****Reg. no.: .....****Third Professional MBBS (Part I) Degree Regular/Supplementary  
Examinations January 2020****Community Medicine - Paper I****Time: 3 Hours****Total Marks: 60**

- Answer all questions
- Draw diagrams wherever necessary

**Essay:****(10)**

1. Define epidemiology. What are the types of epidemiological studies designed to explore disease etiology. Discuss in detail 'framework' and 'steps' in conducting the cohort study. Mention the merits and demerits of cohort study. (2+2+4+2)

**Problems:****(2x5=10)**

2. An educational camp for 250 people is expected to be organized in a village. How do you arrange temporary toilet facility for these people as a medical officer of this area.
3. As a medical officer how do you prevent and control mosquito borne disease outbreaks in your area.

**Short answer Question:****(5x4=20)**

4. Genetic counselling
5. Occupational hazard
6. Standard normal curve
7. Levels of prevention of a disease
8. Iodine deficiency disorder

**Differentiate between:****(3x2=6)**

9. Screening test and diagnostic test
10. Nuclear family and Joint family
11. Health education and propaganda

**Substantiate your answer with reasons:****(2x2=4)**

12. Vitamin A prophylaxis during Measles rubella (MR) vaccination
13. In network analysis, critical path method is considered as largest path of the net work

**List the following:****(5x2=10)**

14. Sources of health information
15. Barriers of communication
16. Functions of a family
17. Morbidity indicators
18. Tests of significance

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