

**Q.P. Code: 303001****Reg. no.: .....****Third Professional MBBS (Part I) Degree Examinations February 2018****Community Medicine-Paper I****Time: 3 Hours****Total Marks: 60**

- Answer all questions
- Draw diagrams wherever necessary

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

1. It is said that 'no single method of control' will adequately address the problem of mosquitos in all areas. In this regard, classify the different methods of the integrated approach to vector control and describe clearly each method with specific reference to mosquitos. (3+7)

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

2. With reference to the 'levels of prevention', describe the 'modes of intervention'
3. Occupational health hazards are increasing in the industrial area coming under your PHC. As a medical officer what are the steps you will take to control the situation.

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

4. Bradford Hill's criteria for judging causality
5. Functions of the 'family'
6. Principles of 'health education'
7. Assessment of dietary intake
8. Medical termination of pregnancy Act 1971

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

9. Incidence and prevalence giving examples
10. Polished rice and parboiled rice
11. Gross reproduction rate and net reproduction rate

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

12. Dumping as a method of solid waste disposal should be outlawed
13. Experimental studies are faced with more ethical issues than case control studies

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

14. Occupational hazards among agricultural workers
15. Characteristics of a 'standard normal curve'
16. Four chromosomal disorders related to sex chromosomes
17. Biomedical wastes that SHOULD NOT be incinerated
18. Enumerate methods to prevent air pollution

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