

**QP Code:102104**

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

**PG Degree Supplementary Examinations in Community Medicine (MD) -  
November 2015**

**Paper II - Epidemiology Including Bio Statistics, Epidemiology of Communicable and  
Non-communicable Disease, Microbiology Including Entomology**

**Time: 3 hrs**

**Max marks:100**

- ***Answer all questions***
- ***Draw diagrams wherever necessary***

**Essays:**

**(20)**

1. Describe the epidemiology of cardiovascular disease in India. Add a note on the scope for prevention at the primary health centre (PHC) level.

**Short essays:**

**(8x10=80)**

2. Strengths and limitations of ecological studies
3. Ethical issues in conduct of randomized controlled clinical trials
4. Receiver operating characteristics - ROC - curve
5. Compare and contrast oral polio vaccine and inactivated polio vaccine for use in the final phase of the war against polio
6. Factors responsible for the emergence of drug resistant tuberculosis
7. Indices to assess potential threat of dengue fever in an urban area
8. Strategies for cervical cancer prevention
9. Pre exposure prophylaxis in rabies

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