

**Q.P. CODE: 511-A**  
**DR. NTR UNIVERSITY OF HEALTH**  
**SCIENCES:AP:VIJAYAWADA-520 008**  
**M.B.B.S. DEGREE EXAMINATION – FEBRUARY, 2018**  
**FINAL M.B.B.S. EXAMINATION**  
**SOCIAL & PREVENTIVE MEDICINE**  
**(CONCEPTS, SOCIAL SCIENCES, NUTRITION,**  
**ENVIRONMENTAL SANITATION, STATISTICS**  
**AND GENERAL EPIDEMIOLOGY)**  
**PAPER - I**

Time: 3 Hours

Max. Marks : 60

**Note: Answer all questions. Give diagrammatic representation wherever necessary.**

1) Define epidemiology. What are the different methods in epidemiology? Describe in detail case control study.

1+2+7=10

2) Define family. Discuss the types of families with their merits and demerits. Discuss the role of family in health

1+4+5=10

**WRITE SHORT NOTES ON:**

10X4=40

3) Standard deviation and standard error

4) Concepts of screening for disease

5) Slaughter house

6) Cold chain equipment

7) Sentinel Surveillance

8) Bacteriological indicators of water

9) Control of air pollution

10) Food Standards

11) Define Bio-Medical waste and enumerate the Health Hazards of Health Care Waste

12) Genetic Counselling

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