

**Q.P. CODE: 511-A**  
**DR NTR UNIVERSITY OF HEALTH SCIENCES ::**  
**VIJAYAWADA-8**  
**M.B.B.S. DEGREE EXAMINATION - JANUARY, 2014**  
**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. Answer Part-A & B in separate answer books. Answers in Part-A should not be answered in Part'B' or vice-versa. Otherwise they will not be valued.**

**PART - A (30 MARKS)**

1) Define the terms bio-statistics and vital statistics. Describe measures of central tendencies and measures of dispersion. 1+1+4+4=10

**WRITE SHORT NOTES ON:**

5 x 4 = 20

- 2) Freeze-dried vaccines
- 3) Microbiological standards of drinking water quality
- 4) Integrated vector control.
- 5) Ecology of health
- 6) Culture

**PART - B (30 MARKS)**

7) Define screening for disease. Write the uses, types and criteria for screening. Add a note on screening test.

$$1+2+3+4=10$$

**WRITE SHORT NOTES ON:**

$$5 \times 4 = 20$$

8) Advantages and disadvantages of case control studies

9) Clinical features and prevention of deficiency of Vitamin A

10) Positive Eugenics

11) Social security

12) Sources and control of noise pollution

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