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**MANIPAL UNIVERSITY**  
**FINAL BDS PART – I DEGREE EXAMINATION – JANUARY 2015**  
**SUBJECT: PUBLIC HEALTH DENTISTRY (ESSAY)**  
**(NEW REGULATION)**

Saturday, January 10, 2015

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

**✍ Draw diagrams and flowcharts wherever appropriate.**

1. Define dental public health. Describe in detail the tools of dental public health. (2+8 = 10 marks)

2. Define epidemiology. Discuss the various steps in randomized controlled trial. (2+8 = 10 marks)

3. **Write notes on:**

- 3A. Double pot method of water purification
- 3B. Role of host and agent factors in the etiology of the dental caries
- 3C. Difference between private practice and public health dentistry
- 3D. Mechanism of action of topical fluorides
- 3E. Chi-square test
- 3F. Methods of presentation of data
- 3G. Principles, indication and contraindication of Atraumatic restorative treatment
- 3H. Operating dental auxiliaries
- 3I. Elements of school dental health program
- 3J. Methods of health education

(4 marks × 10 = 40 marks)

