

Final Year BDS (Part I) Degree Examinations - July 2016

**Public Health Dentistry**

**Time: 3 Hours**

**Max Marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

**Essays**

**(2x14=28)**

1. Define diet and nutrition. Discuss the epidemiologic studies in relation to diet and dental caries. Add a note on sugar substitutes. (4+6+4=14)
2. Define defluoridation. Classify the methods of defluoridation. Explain in detail about Nalgonda technique. (2+6+6=14)

**Short essays**

**(4x8=32)**

3. Define epidemiology and classify epidemiologic methods. Discuss the steps in randomized controlled trials. (2+2+4=8)
4. Define dental public health. Outline the dental public health problems in India. Discuss national health programs in relation to dental public health problems in India. (2+2+4=8)
5. Define pit and fissure sealants. What are the different generations in pit and fissure sealants. Discuss the steps in sealant application. (2+2+4=8)
6. Define dental plaque control and classify the methods of plaque control. Explain in detail mechanical plaque control methods. (2+2+4=8)

**Short notes**

**(10x4=40)**

7. Sampling methods
8. Ideal requisites of an index
9. Acidulated phosphate fluoride application
10. Insurable risk
11. Oral irrigators
12. Normal curve
13. Selection of equipment for dental practice
14. Dental council of India
15. Primary dental care
16. Time trends in epidemiology

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