

**M.D.S. Part I Supplementary Degree Examinations, January 2014**

## **(2010 Scheme)**

### **Paper IV - Branch VI: Oral Pathology and Microbiology**

**Time: 3 hrs**

**Max marks: 100**

- Answer **all** questions. Your answers should be specific to the questions asked.
- Illustrate your answers with relevant neatly labeled diagrams / tables / graphs wherever necessary.

#### **Part A – Research Methodology, Biostatistics, Dental Radiology, Emergency Medical Management and Ethics in Dentistry**

##### **Essay: (20)**

1. Discuss in detail the infection control measures with special reference to dental practice.

##### **Short Essay: (3x10=30)**

2. Advantages and disadvantages of retrospective and prospective research
3. Testing of hypothesis
4. Normal anatomical landmarks observed in dental radiographs

#### **Part B –Oral Histology, Embryology and Oral Physiology**

##### **Essay: (20)**

5. Microscopic and macroscopic structure of gingiva.

##### **Short Essay: (3x10=30)**

6. Streptococcs mutans and its role in dental caries
7. Development of palate and developmental defects
8. Types of collagen and its distribution

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