

**Q.P.Code:194250**

**Reg. No.:.....**

M.D.S. Part I Degree Supplementary Examinations, November 2015

## **(2012 New Scheme)**

### **Paper IV - Research Methodology, Biostatistics, Dental Radiology, Emergency Medical Management and Ethics in Dentistry**

**Time : 3 hrs**

**Max marks : 100**

- Answer **all** questions.
- Illustrate your answers with relevant neatly labeled diagrams / tables / graphs wherever necessary.

**Essay:**

**(2x20=40)**

1. Define sampling. What are the ideal requirements of a sample. Explain in detail about non probability sampling (5+5+10=20)
2. What are the different extra oral views of x-rays in use. Mention the structures which can be visualized in orthopantomogram view and water's view of x-rays (10+10=20)

**Short essay:**

**(6x10=60)**

3. Management of anaphylactic shock
4. Prospective research
5. Null hypothesis
6. Drug overdose reaction
7. Medical negligence
8. Principles of radiographic interpretation

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