

Q.P.Code:194250

Reg. No.:.....

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

(2012 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. Discuss the different tests used in inferential statistics (20)
2. Discuss the principles, properties, advantages and disadvantages of digital imaging (5+5+5+5=20)

Short essay:

(6x10=60)

3. Differential diagnosis of altered consciousness
4. International code of ethics
5. Sampling bias
6. Reasons for defective radiographs
7. Cardiopulmonary resuscitation
8. Correlation and regression
