

Post Graduate Certificate in Oral Implantology

Term-End Examination

June, 2011

**MDT-004 : FUNDAMENTALS OF
IMPLANTOLOGY**

Time : 3 hours

Maximum Marks : 70

Note : Attempt all questions.

1. Describe the process of osseointegration and enumerate the factors influencing osseointegration. 20

2. What are the different techniques for analysis of bone volume at the implant site ? And describe any two radiological techniques that are commonly used. 20

3. Write short notes on :
- (a) Enlist various implant surface microstructures and write in brief about any two of them. 5
 - (b) Completely edentulous mandibular foundation - treatment options. 5
 - (c) Surgical considerations for implant placement of single missing tooth in the anterior maxilla. 5
 - (d) What is Peri Implatitis ? And describe the management of the same. 5
 - (e) Enlist the different implant loading protocol. Describe progressive loading for a completely edentulous case. 5
 - (f) Describe the course of inferior alveolar nerve and its terminal branches and add a note on its clinical significance. 5
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