

**POST GRADUATE CERTIFICATE IN ORAL  
IMPLANTOLOGY**

**Term-End Examination**

**June, 2013**

**MDT-004 : FUNDAMENTALS OF  
IMPLANTOLOGY**

*Time : 3 Hours*

*Maximum Marks : 70*

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**Note :** *Attempt all questions.*

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1. Discuss different designs of endosteal dental implant and add opinions on influence of length, diameter and threads and implant surface microstructure on outcome of successful implant placement. . 20
  
2. What are different impression materials and techniques used in Implant dentistry ? 20
  
3. Write short notes on :
  - (a) An atomic considerations for implant placement in maxilla. 5
  - (b) Describe various implant components and enumerate their uses. 5
  - (c) Describe the clinical significance and application of understanding bone density. 5

- (d) Discuss different types of abutments used in oral implantology. 5
  - (e) Enumerate different methods to evaluate osseointegration and discuss any three of them. 5
  - (f) Discuss principles of incision and mucosal flap design. Add a note on methods to prevent complications associated with flap. 5
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