

**MDS**  
**[Oral Medicine and Radiology]**

BF/2009/05

**Applied Anatomy, Physiology, Pathology and  
Pharmacology**  
[Paper-I]

**Time : 3 Hours**

**Note : Attempt all questions.**

1. Describe the anatomy of the Temporomandibular joint including its nerve supply, blood supply and muscle attachments.
  
2. **Write notes on:**
  - a. Role of computers in Dentistry.
  
  - b. Clotting mechanism.
  
3. **Write notes on:**
  - a. Describe the anatomy of the Parotid gland and mention a few points about the clinically applied aspects.
  
  - b. Use of Diazepam in dentistry. Mention also the contradictions.

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**Diagnosis, Diagnostic methods and imageology  
and applied oral pathology**  
[Paper-II]

**Time : 3 Hours**

**Note : Attempt all questions.**

1. Enumerate advanced imaging techniques. Write in detail about digital radiography.
  
2.
  - a. Filtration and Collimation.
  
  - b. Radiopaque and Radiolucent landmarks of anterior region of maxilla.
  
3.
  - a. Intensifying screens.
  
  - b. Dosimetry.

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**Oral Medicine, therapeutics and laboratory  
investigations**  
**[Paper-III]**

**Time : 3 Hours**

**Note : Attempt all questions.**

1. Discuss differential diagnosis of Parotid swellings and the related investigations and management.
  
2.
  - a. Enumerate different types of aphthous stomatitis and discuss the treatment.
  
  - b. Discuss the various radiographic appearances of ameloblastoma.
  
3.
  - a. Write a short note on immunofluorescent tests and their applications to oral diseases.
  
  - b. How will you examine an ulcer in the oral cavity?

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**Essay**  
**[Paper-IV]**

**Time : 3 Hours**

**Write an essay on:**

1.     Diagnosis and management of Orofacial Pain.

**OR**

2.     Diagnosis and management of Temporomandibular Joint disorders.

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