

**PAPER CODE: MDS2121**

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES**  
**WARANGAL, TELANGANA STATE – 506 002**  
**MDS DEGREE PART-I SUPPLEMENTARY EXAMINATIONS: JANUARY 2026**  
**ORAL MEDICINE AND RADIOLOGY**  
**BASIC SCIENCES**  
**PAPER–I**

**Time: 3 Hours.**

**Max Marks: 100**

**Note:** Answer all questions with neat diagrams whenever necessary.  
All question carry equal marks.

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**Write an essay on the following:**

**10 X 10 = 100**

1. Discuss the functional components and testing of the 5<sup>th</sup> & 7<sup>th</sup> cranial nerve.  
Explain anatomical basis of clinical features of facial nerve palsy.
2. Discuss the role of muscles of mastication in TMJ movements. How will you diagnose and treat a case of myofascial pain Dysfunction syndrome?
3. What is allergy? Discuss in detail various types of allergic reactions seen in the oral cavity. Define lichenoid reaction, give examples.
4. Define inflammation. Describe cardinal signs of inflammation. Differentiate between cellulitis and abscess, giving clinical examples of each.
5. Discuss pathogenesis of autoimmune disease. Name three autoimmune disease that effect the oral cavity and how to differentiate them clinically and specific investigations for them.
6. Discuss role of antibiotics in treatment of oral lesions.
7. Classify anaemia. Discuss the various laboratory investigations for anaemia.
8. Describe the mechanism of regulation of blood sugar levels.
9. Bone changes after extraction of a tooth.
10. Mean, median and standard deviation.

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