

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES**

**WARANGAL, TELANGANA STATE – 506 002**

**MDS DEGREE PART-I EXAMINATIONS: AUGUST, 2025**

**CONSERVATIVE DENTISTRY AND ENDODONTICS**

**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 essay on the following questions:**

**10 X 10=100**

1. Describe in detail about Muscles of the Mastication.
2. Write in detail about Facial Nerve.
3. Classify Dental Cements. What is the difference between Base and cavity Liners?  
Write the composition and properties of Zinc Phosphate Cement.
4. Write short notes on Die Materials.
5. Write general features of Antigen- Antibody reactions. Mention the methods to measure Antigen- Antibody. Write in detail about agglutination and its applications.
6. Define Impression, classify Impression Materials. Write in detail about Agar Impression Material.
7. Draw a neat labelled diagram of a cell. Explain briefly parts of a cell with a note on the Cytoplasmic components and their functions.
8. Explain the mechanism of formation of Saliva. Add a note on phases of Salivary Secretion and Control of Salivary Secretion.
9. Write a note on Fat-soluble Vitamins- their sources, required Dietary allowance, functions and deficiency disorders.
10. Write the composition of Glass Ionomer Cements. Explain briefly about its setting reaction, mechanism of Adhesion and the role of water in relation to GIC.

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