

Sl.No:M22522a

Course Code: 1460201

**VINAYAKA MISSION'S RESEARCH FOUNDATION  
(Deemed to be University), SALEM**

**M.D.S. DEGREE EXAMINATION – July 2020**

**Branch III – ORAL PATHOLOGY AND MICROBIOLOGY AND  
FORENSIC ODONTOLOGY**

**PAPER - I – APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY  
AND RESEARCH METHODOLOGY**

Time: Three hours

Maximum: 100 marks

Answer **ALL** the questions

**LONG ESSAY:** (2 x 20 = 40)

1. Define necrosis. Discuss the various types of necrosis.
2. Discuss the composition of saliva.

**SHORT ESSAY:** (6 x 10 = 60)

3. Discuss the statistical tests for comparisons of continuous variable among 3 groups.
4. Detail on supporting structure of the tooth.
5. Meiosis – Discuss.
6. Describe microscopic and macroscopic anatomy of maxillary sinus.
7. Culture media.
8. Apoptosis

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