

[LA 388]

Sub. Code: 2401

**M.D.S. DEGREE EXAMINATION**  
**BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE**  
**PAPER I – APPLIED BASIC SCIENCES**  
*Q.P. Code : 242401*

**Time : 3 hours**  
**(180 Min)**

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

	<b>Pages (Max.)</b>	<b>Time (Max.)</b>	<b>Marks (Max.)</b>
1. Describe the course of trigeminal nerve with suitable diagrams.	7	18	10
2. Write in detail about the intrinsic and extrinsic muscles of tongue.	7	18	10
3. Narrate the pathway of pain from the tooth pulp.	7	18	10
4. Write about the mucopolysaccharides and essential amino acids.	7	18	10
5. Describe the preanesthetic medication and add a note on ketamine anesthesia.	7	18	10
6. Mention the role of vitamin-C and vitamin-D.	7	18	10
7. Write in detail about the precancerous lesions of oral cavity.	7	18	10
8. Describe the healing of the fractured mandible.	7	18	10
9. Write in detail about the micro-organism responsible for dental caries.	7	18	10
10. Describe the organisms involved in Vincenti infection and oral thrush.	7	18	10

\*\*\*\*\*