

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**M.D.S. Degree Examination – 12-Nov-2019**

**Time: Three Hours**

**Max. Marks: 75 Marks**

**ORAL MEDICINE AND RADIOLOGY – PAPER - I**  
**Applied Anatomy, Physiology, Pathology and Pharmacology**  
**(Revised Scheme 3)**  
**Q.P. CODE: 9741**

Your answers should be specific to the questions asked  
Draw neat, labeled diagrams wherever necessary. Answer all questions.

**LONG ESSAYS**

**2 x 20 = 40 Marks**

1. Enumerate various B-complex vitamins. Write about their daily requirements, dietary sources and their importance in health.
2. Write in detail the anatomy of muscles of mastication and add a note on their functions.

**SHORT ESSAYS**

**5 x 7 = 35 Marks**

3. Draw a neat diagram of tongue and add a note on tongue papillae.
4. Write about the course of facial nerve and its supply in maxillofacial region.
5. Mechanism of taste perception
6. Structure and functions of White Blood Cells
7. Composition and functions of saliva

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