

# Rajiv Gandhi University of Health Sciences, Karnataka

MDS Degree Examination – MAY-2019

**Time: Three Hours**

**Max. Marks: 75 Marks**

## **ORAL MEDICINE AND RADIOLOGY**

### **Applied Anatomy, Physiology, Pathology and Pharmacology**

#### **Paper I (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. Explain in detail with suitable diagrams the applied anatomy of masticatory fascial spaces (Submasseteric, pterigomandibular, superficial temporal and deep temporal spaces).
2. Describe in detail the physiology of salivary secretion. Add a note on composition of saliva and its functions.

#### **SHORT ESSAYS**

**5 x 7 = 35 Marks**

3. Write about the innervations, blood supply and lymphatic drainage of tongue.
4. Write about the stages of tooth development.
5. Parathormone and its actions
6. Mechanism of muscle contraction
7. Inflammation

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