

# Rajiv Gandhi University of Health Sciences, Karnataka

MDS Degree Examination – JULY 2017

**Time: Three Hours**

**Max. Marks: 75 Marks**

## **ORAL MEDICINE AND RADIOLOGY**

### **Oral and Maxillofacial Radiology**

#### **Paper II (Revised Scheme 3)**

**Q.P. CODE: 9742**

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. What are the different methods of processing a radiograph? Write in detail the composition of the developer and fixer and its function in a processing solution.
2. Explain in detail the working of cone beam computed tomography and enumerate its advantages, disadvantages and indications in dentistry.

#### **SHORT ESSAYS**

**5 x 07 = 35 Marks**

3. Intensifying screens
4. Role of exposure parameters in radiology
5. Radiographic changes in the jaws in Hyper Parathyroidism
6. Importance of MRI in diagnosis of oral diseases
7. Bremsstrahlung and characteristic radiation

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