

# Rajiv Gandhi University of Health Sciences, Karnataka

Post – Graduate Diploma / Degree Examination – NOV-2018

**Time: Three Hours**

**Max. Marks: 100 Marks**

**DIPLOMA IN ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS**  
**Applied Basic Sciences relevant to Orthodontics and Dentofacial Orthopedics**  
**PAPER – I**

**Q.P. CODE: 7733**

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. Evolution of Orthodontic adhesive materials
2. Stainless steel as a basic alloy in Orthodontics

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Wolf's law of bone transformation
4. Spheno-Occipital synchondrosis
5. Primates
6. Calcium metabolism
7. Twin studies
8. Experimental sample

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