

Rajiv Gandhi University of Health Sciences, Karnataka

Post – Graduate Diploma Examination – 07-Jul-2023

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. Enumerate the muscles of facial expression, discuss their blood and nerve supply, add a note on Buccinator mechanism.
2. Discuss the pain pathway and its role in orthodontics. Add a note on pain management in orthodontics.

SHORT ESSAYS**6 x 10 = 60 Marks**

3. Calcium metabolism.
4. Systematic reviews and meta-analysis.
5. Skeletal maturity indicators.
6. Resin modified Glass Ionomer cement.
7. Twin studies.
8. Drugs that accelerate orthodontic tooth movement.
