

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**M.D.S Degree (Part-I) Examination - 07-Jul-2023**

**[Time: 3 Hours]**

**[Max. Marks: 100]**

**ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS**

**Paper-I: Applied Basic Sciences: Applied anatomy, Physiology, Dental Materials, Genetics, Pathology, Physical Anthropology, Applied Research Methodology, Bio-Statistics and Applied Pharmacology (Revised Scheme-5)**

**Q.P. CODE: 6043**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

**Answer All The Questions**

**10 X 10 = 100 Marks**

1. Buccinators mechanism.
2. Treachercollins syndrome.
3. TMJ disorders and orthodontics.
4. GIC (Glass Ionomer Cement uses).
5. Homeobox gene.
6. Calcium metabolism.
7. Role of genetics in EARR (External Applied Root Resorption).
8. RCT (Randomized Controlled Trial).
9. TALA (Totally Asthetic Labial Arch Wire).
10. Attritional occlusion.

\* \* \* \* \*