

**M.D.S. PART-I (2018 COURSE)**  
**(ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS): SUMMER-2019**  
**SUBJECT: BASIC SCIENCES**

Day: Friday  
Date: 28/06/2019

**S-2019-4088-D**

Time: 09.00 AM TO 12.00 NOON  
Max. Marks: 100

---

**N.B:**

- 1) All questions are **COMPULSORY**.
  - 2) Draw diagram **WHEREVER** necessary.
- 

- |             |  |             |
|-------------|--|-------------|
| <b>Q.1</b>  | Write a note on: Role Prostaglandins in Orthodontic tooth movement.              | <b>(10)</b> |
| <b>Q.2</b>  | Discuss developmental anomalies occurring due to 1 <sup>st</sup> branchial arch. | <b>(10)</b> |
| <b>Q.3</b>  | Discuss post-natal growth of nose.   | <b>(10)</b> |
| <b>Q.4</b>  | Write a note on: Esthetic archwires.   | <b>(10)</b> |
| <b>Q.5</b>  | Discuss genetically controlled malocclusions.                                    | <b>(10)</b> |
| <b>Q.6</b>  | Write note on test of significance.  | <b>(10)</b> |
| <b>Q.7</b>  | Discuss the evolution of teeth.  | <b>(10)</b> |
| <b>Q.8</b>  | Facial indices in assessment of arch form.                                       | <b>(10)</b> |
| <b>Q.9</b>  | Sterilization in Orthodontics.   | <b>(10)</b> |
| <b>Q.10</b> | Write a note on: Twin studies.   | <b>(10)</b> |

\* \* \* \* \*

---