

**M.D.S. Orthodontics & Dentofacial Orthopedics : SUMMER - 2019**  
**SUBJECT: PAPER – I: APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY**  
**GENETICS PHYSICAL ANTHROPOLOGY & DENTAL MATERIALS**

Day: Saturday  
Date: 01/06/2019

Time: 09.00 AM TO 12.00 NOON  
Max. Marks: 75

**S-2019-4072**

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**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat labeled diagrams **WHEREVER** necessary.
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**Long Essay Questions:**

- Q.1** Discuss NiTi wires. (20)
- Q.2** Discuss the role of neural crest cells in growth of the human face. (20)

**Short Essay Questions:**

- Q.3** Tests of significance. (07)
- Q.4** Importance of nutrition in orthodontics. (07)
- Q.5** Name the syndromes associated with supernumerary teeth and discuss the features of one these syndromes. (07)
- Q.6** Enlow's V principle. (07)
- Q.7** Stem cells and their significance. (07)

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