

[LB 669]

AUGUST 2012

Sub. Code: 4161

**FOURTH YEAR B.D.S. DEGREE EXAM****PAPER I – ORTHODONTICS AND****DENTOFACIAL ORTHOPAEDICS***Q.P.Code: 544161***Time: 180 Minutes****Maximum: 100 Marks****Answer ALL questions in the same order****I. Elaborate on:****Pages Time Marks**  
**(Max.)(Max.)(Max.)**

- |  |    |    |    |
|--|----|----|----|
| 1. Mention about the essential diagnostic aids and write about the role orthodontic study models to aid in treatment planning? | 19 | 30 | 20 |
| 2. Define anchorage? Classify anchorage and discuss in detail about the different types of anchorage.                          | 19 | 30 | 20 |

**II. Write notes on:**

- |  |   |    |   |
|--|---|----|---|
| 1. Cephalic index.   | 3 | 10 | 5 |
| 2. Methods of gaining space.   | 3 | 10 | 5 |
| 3. Role of Adenoids in malocclusion.                                 | 3 | 10 | 5 |
| 4. Ugly ducking stage.   | 3 | 10 | 5 |
| 5. Drift Vs Displacement.  | 3 | 10 | 5 |
| 6. Mode of action of Activator.                                      | 3 | 10 | 5 |
| 7. Twin Study.   | 3 | 10 | 5 |
| 8. Sicher's theory.  | 3 | 10 | 5 |
| 9. Different types of springs and their uses.                        | 3 | 10 | 5 |
| 10. Definition, indication and contraindications of fixed appliance. | 3 | 10 | 5 |
| 11. Normal and abnormal function of stomatognathic system.           | 3 | 10 | 5 |
| 12. Nickel titanium wires.   | 3 | 10 | 5 |

\*\*\*\*\*