

February 2012

[LA 669]

Sub. Code: 4161

**FOURTH(FINAL) BDS DEGREE EXAMINATION
PAPER I ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS**

Q.P. Code: 544161

**Time : 3 hours
(180 Min)**

Maximum : 70 marks

**Answer ALL questions in the same order.
Draw Suitable diagrams wherever necessary**

I. Elaborate on:

(2 x 10 = 20)

1. Define orthodontics. Enumerate the various classifications of malocclusion.
Discuss in detail Angle's classification
2. Write the various schools of thought of retention Discuss in detail the theorems of retention.

II. Write notes on:

(10 x 5 = 50)

1. Safety valve mechanism
2. Undermining resorption
3. Wolff's law and stress trajectories
4. Circumferential supracrestal fibrotomy
5. Activator Vs Frankel
6. Wits analysis
7. Meckels cartilage
8. Space Age wires
9. Guided springs
10. Hyrax screw
