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MANIPAL ACADEMY OF HIGHER EDUCATION  
FINAL BDS PART – I DEGREE EXAMINATION – FEBRUARY 2018  
SUBJECT: ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS (ESSAY)  
(NEW REGULATION)

Wednesday, February 07, 2018

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

- ✍ Answer ALL questions.
- ✍ Include diagrams wherever necessary.

✍ Long questions:

1. Clinical features and management of Class II malocclusion in a preadolescent child.  
(3+7 = 10 marks)
2. RME: Indications/contraindications, effects and types of appliances used.  
(3+3+4 = 10 marks)

3. Write Short Notes on:

- 3A. Optimum orthodontic force
- 3B. Corticotomy
- 3C. Factors to be considered while planning a case for space maintenance
- 3D. Spot welding
- 3E. Bolton's analysis
- 3F. Cephalo-caudal gradient of growth
- 3G. Construction bite
- 3H. First premolar extractions in orthodontics
- 3I. Nickel Titanium archwires
- 3J. Transient malocclusions

(4 marks × 10 = 40 marks)

