

MANIPAL UNIVERSITY**FINAL BDS PART – I DEGREE EXAMINATION – JUNE/JULY 2012****SUBJECT: ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS (ESSAY)
(NEW REGULATION)**

Friday, June 29, 2012

Time: 14:15 – 17:00 Hrs.

Maximum Marks: 60

Answer all the questions.

1. Write in detail about the etiology, clinical features and management of open bite.
(3+3+4 = 10 marks)
2. Classify functional appliances. Write in detail about the Frankel philosophy and components of the FR—II appliance.
(3+3+4 = 10 marks)
3. **Write short notes on:**
 - 3A. Twin studies.
 - 3B. Schools of retention.
 - 3C. Corticotomy.
 - 3D. Area relocation theory of growth.
 - 3E. Wolff's law.
 - 3F. Simons classification.
 - 3G. Cephalostat.
 - 3H. Describe factors causing relapse and enumerate types of retainers.
 - 3I. Slow v/s rapid maxillary expansion.
 - 3J. Boltons analysis.

(4×10 = 40 marks)

