

MANIPAL UNIVERSITY**FINAL BDS PART – I DEGREE EXAMINATION – JANUARY 2009****SUBJECT: ORTHODONTICS (ESSAY)**

Saturday, January 17, 2009

Time available: 14.30 – 17.00 Hours

Maximum Marks: 80

1. Write in detail about the management of class II malocclusion.

(10 marks)

2. Write short notes on:

- 2A. Factors causing relapse.
- 2B. Differential growth.
- 2C. Proximal stripping.
- 2D. Hyalinization.
- 2E. Drawbacks of angles classification.
- 2F. Facemask - indications, parts and different types.
- 2G. Etiology of CLP.
- 2H. Boltons analysis.
- 2I. Premolar extraction.
- 2J. Lip bumper.

(5×10 = 50 marks)

3. Write short answers on:

- 3A. Growth site and growth centre.
- 3B. Define moment and couple.
- 3C. Stage v of skeletal maturation.
- 3D. Enumerate the various kinds of fr with indications.
- 3E. Banding v/s bonding.
- 3F. Types of chin cup.
- 3G. Enumerate the causes of midline diastema.
- 3H. Corticotomy.
- 3I. Keslings diagnostic setup.
- 3J. Distal shoe maintainer.

(2×10 = 20 marks)



Reg. No.

MANIPAL UNIVERSITY

FINAL BDS PART – I DEGREE EXAMINATION – JULY 2009

SUBJECT: ORTHODONTICS (ESSAY)

Saturday, July 25, 2009

Time: 14:30 – 17:00 Hrs

Maximum Marks: 80

1. Write in detail about serial extraction.

(10 marks)

2. Write short notes on:

- 2A. Slow expansion
- 2B. Scammon's growth curve
- 2C. Management of open bite
- 2D. Permanent retainers
- 2E. Features of Angle's class III malocclusion
- 2F. Endochondral ossification
- 2G. Hand wrist radiograph, significance and indications. Enlist the various methods.
- 2H. Flush terminal plane
- 2I. Bolton's analysis
- 2J. Mandibular plane angle.

(5×10 = 50 marks)

3. Write short answers on:

- 3A. IMPA
- 3B. Define anchorage
- 3C. Incisal liability
- 3D. Overjet and overbite
- 3E. Balancing extractions
- 3F. Torquing
- 3G. Trans palatal arch
- 3H. Milliard's rule of ten
- 3I. Decompensation
- 3J. Define growth.

(2×10 = 20 marks)

