

MANIPAL UNIVERSITY
FINAL BDS PART – I DEGREE EXAMINATION – JANUARY 2008
SUBJECT: ORTHODONTICS (ESSAY)

Saturday, January 12, 2008

Time available: 14.30 – 17.00 Hours

Maximum Marks: 80

1. Describe the various methods of gaining space.

(10 marks)

2. Short notes:

2A. Drawbacks of angles classification.

2B. Etiology of midline diastema.

2C. Deep bite management.

2D. Catalan's appliance.

2E. Oral screen.

2F. Hand wrist x-ray.

2G. Thumb sucking.

2H. Ugly Duckling stage.

2I. Rapid maxillary expansion.

2J. Springs.

(5×10 = 50 marks)

3. Short answers:

3A. Face Bow.

3B. Reproximation.

3C. Jackson Triad.

3D. Y axis.

3E. Undermining resorption.

3F. Orthodontic wires.

3G. Synchondrosis.

3H. SNA angle.

3I. Stationary anchorage.

3J. Distal shoe space maintainer.

(2×10 = 20 marks)



MANIPAL UNIVERSITY**FINAL BDS PART – I DEGREE EXAMINATION – JULY 2008****SUBJECT: ORTHODONTICS (ESSAY)**

Saturday, July 19, 2008

Time available: 14.30 – 17.00 Hours

Maximum Marks: 80

1. Discuss the uses of cephalometrics. Explain Downs analysis.

(10 marks)

2. Short Notes:

- 2A. Growth Spurts.
2B. Development of Palate Prenatal.
2C. Simon's classification.
2D. Diagnostic set up.
2E. Tweeds Treagle.
2F. Ashley Howe's Analysis.
2G. Quad Helix.
2H. Elastics in fixed mechanotherapy.
2I. Cross bite management.
2J. Frankel Philosophy.

(5×10 = 50 marks)

3. Short Answers:

- 3A. Face Mask.
3B. Class II Div 2.
3C. Endochondral ossification.
3D. 18-8 steel.
3E. ANB Angle.
3F. Open Bite.
3G. Wolfe's Law.
3H. Reinforced Anchorage.
3I. Meckels Cartilage
3J. Jackson Triad

(2×10 = 20 marks)

