

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

FINAL BDS PART – I DEGREE EXAMINATION – JUNE 2005**SUBJECT: ORTHODONTICS**

Friday, June 17, 2005

Time: 3 Hours

Max. Marks: 100

- ✍ **Answer all questions.**
✍ **Draw diagrams and Flow Charts wherever appropriate**

1. Classify diagnostic aids. Write about the recent advances in diagnostic aids. (10 marks)
2. Write short notes on:
- 2A. Wolf's law of transformation.
2B. Cross-bite and its management (in brief).
2C. Gum pads.
2D. Oral screen.
2E. Acrylic resin.
2F. Retentive components of removable appliances (in brief).
2G. Mention the theories of retention.
2H. Bands and loop space maintainer. (5×8 = 40 marks)
3. Describe the theories of tooth movement and write in brief about the different phases of tooth movement. (10 marks)
4. Write short notes on:
- 4A. Head gears.
4B. Tweed's triangle.
4C. Classify functional appliances; write their treatment principles.
4D. Reproximation.
4E. Classify cleft lip and palate.
4F. Incisor liability
4G. Mixed dentition analysis.
4H. Fixed appliances v/s removable appliances. (5×8 = 40 marks)



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FINAL BDS PART – I DEGREE EXAMINATION – DECEMBER 2005**SUBJECT: ORTHODONTICS**

Friday, December 16, 2005

Time available: 3 Hours**Maximum Marks: 100**

- ✗ **Answer ALL questions.**
✗ **Draw diagrams and flow charts wherever appropriate.**

1. Define Anchorage. Give the classification of Anchorage with suitable examples. (10 marks)
2. Write short notes on:
- 2A. Jackson's Triad.
 - 2B. Treatment of Thumb Sucking.
 - 2C. Classification of space maintainers.
 - 2D. Pseudo class III.
 - 2E. Sutural Growth Theory.
 - 2F. Interrupted Vs. Intermittent Forces.
 - 2G. Role of Endocrines in Malocclusion.
 - 2H. Classification of Diagnostic Aids.
- (5×8 = 40 marks)
3. Explain in detail the features and management of class III Malocclusion. (10 marks)
4. Write short notes on:
- 4A. Vestibular Screen.
 - 4B. Classification of Cleft Lip and Palate.
 - 4C. Quad helix.
 - 4D. Classification of Functional Appliances.
 - 4E. Jacksons Clasp.
 - 4F. Slow expansion.
 - 4G. Methods of Gaining Space.
 - 4H. Pericision.
- (5×8 = 40 marks)

