

ITS DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE
47, KNOWLEDGE PARK-III, GREATER NOIDA

Internal Assessment Examination
IVth Yr. Bds (Odd Batch) 2006-2011
Department Of Orthodontics And Dentofacial Orthopedics

Dated: 16.03.11

MM: 25+25

Time duration: 3 hrs

Note:

1. Attempt all questions. Read the question carefully before attempting, use diagrams wherever necessary.
2. Use separate answer sheets for both the parts.

PART-I

Q1. What are the diagnostic aids used in orthodontics. Discuss various model analysis. (8)

Q2 Describe various types of tooth movements and discuss in detail biomechanics of tooth movement. (8)

Q3 Write short notes on (3×3=9)

1. History of orthodontics
2. Methods of studying growth
3. Curve of spee

PART-II

Q1. Enumerate general concepts of removable appliances. Describe in detail various retentive components of removable appliances. (8)

Q2 Discuss in detail management of Angle's Class II div 1 malocclusion. (8)

Q3 Write short notes on (3×3=9)

1. Aims of orthodontic treatment
2. Development of tooth
3. Simian spaces

I.T.S DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE

47, Knowledge Park-III, Greater Noida

B.D.S 4th year – 2007 Batch

2nd Internal Assessment (Sent up Examination)

Subject: Orthodontics

Time: 3 hours

Maximum Marks: 50

Note: Attempt all questions.

Use separate copy for part I and part II.

Make suitable diagrams

Part I

1. Classify Anchorage. What are the various methods of anchorage in orthodontics. (8 marks)
2. (a) Management of open bite. (4 marks)
(b) Andrew's 6 keys of occlusion (4 marks)
3. Short notes:
 - a. Bolton's analysis (3 marks)
 - b. Skeletal maturity indicators (3 marks)
 - c. Importance of freeway space, leeway space and incisal liability. (3 marks)

Part II

1. What are removable appliances? Write in detail about the components of removable appliances. (8 marks)
2. (a) Biology of tooth movement. (4 marks)
(b) Growth of mandible (4 marks)
Forward & backward growth
Horizontal growth
3. Short notes:
 - a. Preventive vs interceptive orthodontics. (3 marks)
 - b. Extraction vs expansion. (3 marks)
 - c. Akermann's profit classification. (3 marks)

DEPARTMENT OF ORTHODONTICS

FINAL YEAR 2nd INTERNAL ASSESMENT

2007-11(ODD BATCH)

Attempt all questions

Draw neat well labelled diagram wherever necessary

Full marks: 50

PART-A

(25 marks)

LONG QUESTIONS:

(8x2=16)

- ✓ 1. Define growth and development. Write in detail about growth of mandible. (8)
- ✓ 2. Anchorage in orthodontics. (8) *5*

SHORT NOTES:

(3x3=9)

1. Rapid vs. Slow expansion (3)
- ✓ 2. Classification of cleft lip and palate (3) *3*
3. Enlow's V principle (3)

PART-B

(25 marks)

LONG QUESTIONS:

(8x2=16)

1. Define Myofunctional appliances. Write in detail about Activator. (8)
2. Management of Deep bite. ✓ (8)

SHORT NOTES:

(3x3=9)

- ✓ 1. Flush terminal plane (3)
 2. Bolton's analysis (3)
 3. CVMI (3)
- Handwritten marks: a circle with '12' and a squiggle.*

21/6/11

BDS Examination
Final Year (Odd Batch)
Internal Assessment Examination
Orthodontics and Dentofacial Orthopedics

Time: 3 hours

Maximum Marks: 50

Note: Attempt all questions. Use separate copy for part I and part II.

Part I

1. Enumerate theories of growth. Write in detail about functional matrix hypothesis. *each 5 marks*
2. What are myofunctional appliances? Describe in detail about twin block appliance.
3. Short notes:
 - a. Bolton's analysis
 - b. Types of retainers
 - c. Classification of cleft lip and palate

Part II

1. Write in detail about space gaining procedures in orthodontics.
2. How would you manage a case of Class II malocclusion with deep bite?
3. Short notes:
 - a. Angle's classification of malocclusion- merits and demerits.
 - b. Thumb sucking habit
 - c. Facial divergence and facial profile.

INTERNAL ASSESSMENT

DEPARTMENT OF ORTHODONTICS BDS -IV Year

Maximum marks: 50

All questions are compulsory

Part- A

Q 1 Define growth? Enumerate theories of growth. Explain with diagrams post natal growth of maxilla. MM-8

Q 2 What is hyalinization. What is the difference between frontal and backward resorption? MM-8

Q 3 Short Notes: MM -3each

- a) Tweed's triangle
- b) Kesling's diagnostic setup
- c) Arch perimeter analysis

Part- B

Q 1 Classify myofunctional appliances. Discuss in detail twin block appliance.

MM-8

Q 2 Discuss in detail management of Class III malocclusion in a 13 year old child.

MM-8

Q 3 Short notes: MM -3each

- a) Classification of CLCP
- b) Mouth breathing
- c) Bakers Anchorage