

I.T.S Dental College, Hospital & Research Centre

47, Knowledge Park-III, Greater Noida

I.T.S Dental College Hospital & Research Centre
47, Knowledge Park-III, Greater Noida

Dated: 29.12.2010

IIInd yr. B.D.S (2008 Odd Batch) Ist Internal Assessment Examination-Theory Subject-Dental Materials

Time: 3 hours

Max Marks - (70)

- Note: 1. Attempt all the questions
2. Use separate answer sheet for part A & Part B

Part A

- Q1. Classify Cements? Describe the composition properties & advantages of Glass ionomer cement? (10)
- Q2. Classify denture base materials? Discuss heat activated denture base material in detail? (10)
- Q3. Write briefly on – (5x3=15)
a) ZnO-E impression paste.
b) Knoop hardness number
c) Implant Materials

Part B

- Q4. Classify tooth colour restorative materials? Describe the composition & properties of composite resins? (10)
- Q5. What is Amalgam? Describe the composition, properties, manipulation & indications of silver amalgam in detail? (10)
- Q6. Differentiate between: (5x3=15)
a) Alpha & Beta Hemihydrate
b) Soft Liner & tissue conditioners
c) Ductility & Malleability

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Dated: 22.01.2010

IInd yr. B.D.S (2008 Batch)
Ist Internal Assessment Examination-Theory
Subject-Dental Materials

Time: 3 hours

Max Marks - (70)

- Note: 1. Attempt all the questions
2. Use separate answer sheet for part A & Part B

Part A

- Q1. Classify Gypsum Products used in dentistry. Describe the setting mechanism & Setting expansion in detail? (10)
- Q2. Classify tooth colour Restorative Materials. Write in detail about Microfilled composites? (10)
- Q3. Write short notes on – (5x3=15)
a) Soft Liners
b) Colour
c) Irreversible Hydrocolloid

Part B

- Q4. Classify Denture Base Materials. Describe briefly various techniques for fabrication Heat Activated Denture Bases? (10)
- Q5. Enumerate Non-Aqueous, elastic impression materials. Discuss Addition Silicon Impression material in detail? (10)
- Q6. Write short notes on – (5x3=15)
a) Dentin Bonding Agents
b) Knoop Hardness Number
c) Non-Eugenol Pastes

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IInd yr. B.D.S (2008 Batch)

IInd Internal Assessment Examination – Theory

Department of Dental Material

Part-A

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Dated: 05/06/10

Max Marks - (70)

Time: 3 hours

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Note:

All the questions are compulsory

Draw diagrams wherever necessary

- Q1. Classify Dental cements? Describe the composition, properties & uses of Glass Ionomer cement. (10)
- Q2. Discuss classification, composition & properties of modern noble metal alloys? (10)
- Q3. Differentiate between: (5x3=15)
- (a) Cavity varnishes & Cavity liners
 - (b) Soldering & Welding
 - (c) Strength & Hardness

Part-B

- Q4. Classify impression materials? Describe rigid, inelastic & irreversible Impression material. (10)
- Q5. Classify Dental Restorative Materials? Describe the composition, manipulation & indications of Dental Amalgam. (10)
- Q6. Write short notes on :- (5x3=15)
- a) Acid Etching
 - b) Porosities in Denture base resins
 - c) Die Materials

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Date: 22nd Sep, 2010

FINAL INTERNAL ASSESSMENT EXAMINATION – THEORY

IInd yr. B.D.S (2008-13)

Time: 3 hrs

Subject – Dental Materials

MM: 50

- Note:
1. Attempt all the questions
 2. Draw neat & well labelled diagrams wherever necessary
 3. Use separate answer sheet for Part A & Part B

PART – A

- Q.1 Classify waxes? Write the composition, properties & uses of Inlay casting wax? (10)
- Q.2 Discuss the condensation, fusing & glazing of dental porcelain. (10)
- Q.3 Write short notes on :- (5x3=15)
- a) Stainless steel
 - b) All ceramic restoration
 - c) Delayed expansion

PART – B

- Q.1 Describe step by step procedure for Gold Inlay casting? What steps will you take in checking porosities? (10)
- Q.2 Differentiate between (2^{1/2} x 4 = 10)
- a) Eutectic & Peritectic alloys
 - b) Hardness & Toughness
 - c) Soft liner & tissue conditioner
 - d) Gold foil & Mat foil
- Q.3 Write short notes on :- (3x5=15)
- a) Photo curing with visible light
 - b) Abrasion & Polishing Agents
 - c) Biocompatibility of Dental Material