

FOURTH YEAR B.D.S. DEGREE EXAM
(Common to Final Year Paper III - Modified Regulation III and
Final Year Paper II - New Modified Regulation Candidates)

PAPER II – PAEDIATRIC AND PREVENTIVE DENTISTRY

Q.P Code: 544217

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on: **(2 x 10 = 20)**

1. Define Pulpotomy. Write the classification, indications, contra-indications for pulpotomy. Discuss calcium hydroxide pulpotomy in detail.
2. Define and classify space Regainers. Write in detail about any two space Regainers.

II. Write Notes on: **(10 x 5 = 50)**

1. Vitality test.
2. Bitewing radiographs.
3. Pit and fissure sealants.
4. Pedodontic treatment triangle.
5. Psychic triad.
6. Bruxism.
7. Autism.
8. Moyer's mixed dentition analysis.
9. Diet counselling.
10. Window of infectivity.

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I. Elaborate on: **(2 x 10 = 20)**

1. Define Early Childhood Caries (ECC). Describe the stages of ECC. Write in detail about the management of ECC.
2. Classify traumatic injuries based on Ellis and Davey. Discuss the management of avulsed permanent central incisor in a 9 year old child.

II. Write Notes on: **(10 x 5 = 50)**

1. Growth curve.
2. Aversive conditioning.
3. Social learning theory.
4. Keyes triad.
5. Ugly duckling stage.
6. Masochistic habits.
7. Down syndrome.
8. Acute necrotising ulcerative gingivitis.
9. Knutson technique.
10. Munchausen syndrome by proxy.

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I. Elaborate on: **(2 x 10 = 20)**

1. Define space maintainers. What are the indications and contra indications of distal shoe space maintainers? Discuss the space management for a 5 year old child with premature loss of 84.
2. Explain Pediatric Dentistry treatment triangle. Explain the various fundamentals of behavior management. What are the various behavior shaping methods?

II. Write Notes on: **(10 x 5 = 50)**

1. Space regainers.
2. Home.
3. Strip crowns.
4. Preventive resin restoration.
5. Mouth guards.
6. Mineral trioxide aggregate.
7. Gum pads.
8. Sugar substitutes.
9. Management of anterior crossbite in children.
10. Aversive conditioning.

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I. Elaborate on:

(2 x 10 = 20)

1. Define and classify habit. Discuss about the management of thumb sucking habit.
2. List the various caries preventive measures. Write in detail about pit and fissure sealants.

II. Write Notes on:

(10 x 5 = 50)

1. Child neglect.
2. Enamel hypoplasia.
3. Glass ionomer cement.
4. Systematic desensitization.
5. Growth curve.
6. Inhalation sedation.
7. Oral screen.
8. Sodium fluoride.
9. Management of children with anterior cross bite.
10. Pulpotomy in young permanent teeth.

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I. Elaborate on: **(2 x 10 = 20)**

1. Define and classify children with special needs. Discuss in detail about management of mentally retarded child in dental office.
2. Enumerate the topical fluorides and write in detail about any two of them.

II. Write Notes on: **(10 x 5 = 50)**

1. Broadbent's phenomenon.
2. Bruxism.
3. Serial extraction.
4. Nitrous oxide – oxygen sedation.
5. Tell-show – do technique.
6. Various isolation techniques in children.
7. Classical conditioning theory by Pavlov.
8. Dunlop beta hypothesis.
9. Types of child abuse.
10. Atraumatic Restorative Treatment.

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Time: 180 Minutes

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I. Elaborate on: **(2 x 10 = 20)**

1. Define Child psychology? Write in detail about Psychodynamic Theories.
2. Classify Ellis and Davey's Anterior teeth Fracture. Discuss in detail about the management of Ellis Class III Fracture of an 8-year-old child.

II. Write Notes on: **(10 x 5 = 50)**

1. Rubber Dam.
2. ANUG.
3. Strip Crowns.
4. Self-Correcting Anomalies.
5. Distal Shoe space Maintainer.
6. Mineral Trioxide Aggregate.
7. Knutson Technique.
8. Early Childhood Caries.
9. HOME.
10. Down Syndrome.

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I. Elaborate on: (2 x 10 = 20)

1. Define rampant caries. Write about its etiology, clinical features and management.
2. Define and Classify habits. Write in detail about classification, Etiology and Management of thumb sucking habit in children.

II. Write Notes on: (10 x 5 = 50)

1. Papillon Lefevre Syndrome.
2. Contingency Management.
3. APF Gel.
4. Early Mesial Shift.
5. Obturating Material used in Primary Teeth.
6. Psychic Triad.
7. Stainless Steel Crown.
8. Hemophilia.
9. Role of Pedodontist in management of cleft lip and palate children.
10. Caries Tetralogy.

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I. Elaborate on:

(2 x 10 = 20)

1. Define conscious sedation? Write in detail about Nitrous oxide Sedation.
2. Define Behaviour management? Discuss various Non-Pharmacological methods of Behaviour management.

II. Write Notes on:

(10 x 5 = 50)

1. Pedodontic treatment triangle.
2. Growth Trends.
3. Theories of Eruption.
4. Munchausen syndrome by proxy.
5. ECC.
6. Pit and Fissure Sealants.
7. Fluoride toxicity.
8. Role of pedodontist in child abuse.
9. Autism.
10. Pulpotomy.

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NOVEMBER 2020
(AUGUST 2020 SESSION)

Sub. Code: 4217

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Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on: (2 x 10 = 20)

1. Define Conscious Sedation? Write in detail about Nitrous Oxide Sedation.
2. Define and classify Habits? Discuss in details about Mouth Breathing Habit.

II. Write Notes on: (10 x 5 = 50)

1. Pedodontic Treatment Triangle.
2. Growth Trends.
3. Theories of Eruption.
4. Self-correcting Anomalies.
5. ECC.
6. Pit and Fissure Sealants.
7. Fluoride Toxicity.
8. Role of Pedodontist in Child Abuse.
9. Distal Shoe Space Maintainer.
10. Pulpotomy.
