

[LB 671]

AUGUST 2012
FOURTH YEAR B.D.S. DEGREE EXAM
PAPER – II PEDODONTICS
Q .P .Code: 544180

Sub. Code: 4180

Time : 180 Minutes

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

- | | | | |
|--|----|----|----|
| 1. Enumerate the morphological and histological differences between the Primary and Permanent Teeth. Discuss in detail the modifications in a conventional class II cavity preparation in a Primary second molar based on these differences. Mention the principles of Minimal Intervention Dentistry. | 19 | 30 | 20 |
| 2. Define Preventive Orthodontics. Enumerate some of the clinical procedures of preventive orthodontics to be considered for the child patient. Discuss the factors to be considered in managing premature loss of primary posterior tooth in a mixed dentition. Classify Space Maintainers. | 19 | 30 | 20 |

II. Write notes on:

- | | | | |
|--|---|----|---|
| 1. Keyes Triad. | 3 | 10 | 5 |
| 2. Euphemism. | 3 | 10 | 5 |
| 3. Rampant caries. | 3 | 10 | 5 |
| 4. Methods of growth Assessment. | 3 | 10 | 5 |
| 5. Stages of Sigmund Freud's Psychologic theory. | 3 | 10 | 5 |
| 6. Desensitization. | 3 | 10 | 5 |
| 7. Isolation Techniques used in Pedodontic Operative Dentistry. | 3 | 10 | 5 |
| 8. Indirect Pulp capping. | 3 | 10 | 5 |
| 9. Turners Hypoplasia. | 3 | 10 | 5 |
| 10. Pit and Fissure Sealants. | 3 | 10 | 5 |
| 11. Fluoride dentifrices. | 3 | 10 | 5 |
| 12. Wright's classification of children's behavior in Dental clinic. | 3 | 10 | 5 |

[LC 671]

FEBRUARY 2013
FOURTH YEAR B.D.S. DEGREE EXAM
PAPER – II PEDODONTICS
Q.P.Code: 544180

Sub. Code: 4180

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on:

(2x10=20)

1. Classify injuries to teeth as given by Ellis and Davey (1960). How will you manage class III fracture of an upper central incisor in an 8 year of child.

2. Define rampant caries. Write about its etiology, clinical features and management.

II. Write notes on:

(10x5=50)

1. Delayed eruption of teeth.
2. Write about hypodontia.
3. Ugly duckling stage in mixed dentition stage.
4. Sensiromotor period in child psychological development.
5. Frankl's behavior rating scale.
6. TSD in child behavior management.
7. Fluoride varnish.
8. Preventive Resin Restoration.
9. Food Guide Pyramid.
10. Band and loop space maintainer.

[LD 671]

AUGUST 2013

Sub. Code: 4180

FOURTH YEAR B.D.S. DEGREE EXAM

PAPER – II PEDODONTICS

Q.P.Code: 544180

Time : 180 Minutes

Maximum : 70 marks

I. Elaborate on:

(2x10=20)

1. Write in detail, the treatment of an Avulsed tooth.
2. Define and classify Pulpotomy. Write in detail about Formocresol pulpotomy.

II. Write notes on:

(10x5=50)

1. Flush Terminal Plane
2. Quad Helix
3. Pre-appointment Behavior Modification
4. Concussion
5. Definition, aim and scope of Pedodontics
6. Methods of Isolation
7. Cheiloplasty
8. Acute Necrotizing Ulcerative Gingivitis
9. Contingency Management
10. Composite restorative materials

[LE 671]

FEBRUARY 2014

Sub. Code:4180

FOURTH YEAR B.D.S. DEGREE EXAM
PAPER II - PEDODONTICS
Q.P Code: 544180

Time: 180 Minutes

Maximum: 70 marks

I. Elaborate on:

(2X10=20)

1. Define pulpectomy. What are the indications and contraindications of pulpectomy. Describe in detail the clinical techniques of pulpectomy in a primary molar.
2. Define space maintainer. Give the indications and contraindications of spacemaintainers. Elaborate on the principles and techniques in constructing an eruption guidance appliance in a child of 5 ½ year old child.

II. Write Notes on:

(10X5=50)

1. Caries tetralogy
2. Modeling
3. Growth spurts
4. Band & loop space Maintainer modifications
5. Physical Restraints
6. Sugar substitutes
7. Aversive Conditioning
8. Caries Detection
9. Young Permanent teeth
10. Mouth breathing habit

[LF 671]

AUGUST 2014

Sub. Code:4180

**FOURTH YEAR B.D.S. DEGREE EXAM
PAPER II - PAEDODONTICS**

Q.P Code: 544180

Time: 180 Minutes

Maximum: 70 marks

I. Elaborate on:

(2X10=20)

1. Define handicapped children. Classify handicapping conditions and write about management of a mentally retarded children in dental office.
2. Define and classify habit. Classify and write in detail about management of tongue thrusting habit.

II. Write Notes on:

(10X5=50)

1. Molar Relationship in Deciduous dentition
2. Psychic Triad
3. Implosion Therapy
4. Indications and Contraindications of Stainless steel Crown
5. Leeway space of Nance
6. APF (Acidulated Phosphate Fluoride) gel
7. Cerebral Palsy
8. Apexification vs Apexogenesis
9. ECC (Early Childhood Caries)
10. Diagnosis of Child Abuse and Neglect

[LG 671]

FEBRUARY 2015

Sub. Code:4180

FOURTH YEAR B.D.S. DEGREE EXAM

PAPER II - PAEDODONTICS

Q.P Code: 544180

Time: 180 Minutes

Maximum: 70 Marks

I. Elaborate on:

(2 x 10 = 20)

1. Classify injuries of anterior teeth. Discuss the line of treatment for fractured 21 of an 8 year old child reporting immediately to the dental clinic with the exposure of pulp.
2. Discuss the etiology, the various ill effects on dentofacial structures and the management of thumb sucking habit in children.

II. Write Notes on:

(10 x 5 = 50)

1. Glass ionomer cement.
2. Mixed dentition analysis.
3. Topical fluorides.
4. Local anesthesia in pediatric dentistry.
5. Caries vaccine.
6. Infant oral health care and dental home.
7. Levels of prevention of child abuse and neglect.
8. Distal shoe space maintainer.
9. Tongue blade therapy.
10. Caries tetralogy.

[LH 671]

AUGUST 2015

Sub. Code: 4180

FOURTH YEAR B.D.S. DEGREE EXAMINATION

PAPER II – PAEDODONTICS

Q.P. Code: 544180

Time : Three Hours

Maximum : 70 marks

Answer All Questions

Draw suitable Diagrams wherever necessary

I. Elaborate on:

(2 x 10 = 20)

1. Enumerate the topical fluorides and write in detail about any two of them.
2. Define Pulpectomy. Discuss in detail about the management of left second primary mandibular molar with a history of night pain.

II. Write notes on :

(10 x 5 = 50)

1. Fear.
2. Self correcting anomalies.
3. Growth spurts.
4. Contingency management.
5. Direct pulp capping.
6. Diet chart and its importance.
7. Frankl's behavior rating scale.
8. Oral screen.
9. Tell-show-do technique.
10. Root canal obturation materials used for primary teeth.

[LI 671]

FEBRUARY 2016

Sub. Code: 4180

FOURTH YEAR B.D.S. DEGREE EXAMINATION

PAPER II – PAEDODONTICS

Q.P. Code : 544180

Time : Three Hours

Maximum : 70 Marks

Answer All Questions

I. Elaborate on:

(2 x 10 = 20)

1. Define Rampant caries. Give the etiology, clinical features and management of rampant caries.
2. Define Preventive and Interceptive orthodontics. Write about the various methods of serial extraction.

II. Write Notes on:

(10 x 5 = 50)

1. Management of midline diastema.
2. Brudevold's solution.
3. Uses of calcium hydroxide in pediatric dentistry.
4. Ugly duckling stage.
5. Parent counseling.
6. Bitewing radiographs.
7. Natal and neonatal teeth and their management.
8. Pit and fissure sealants.
9. Pulpotomy in young permanent teeth.
10. Defluoridation techniques.

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.

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 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.

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 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.

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 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.

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 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.

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 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.

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 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.

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 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.
