

# Rajiv of Health Sciences, Karnataka Gandhi University

IV B.D.S Degree Examination Nov 2021

Time: Three Hours

Max. Marks: 70

## PEDIATRIC AND PREVENTIVE DENTISTRY (RS3)

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary

### LONG ESSAYS

**2X10=20 Marks**

1. Define pulpotomy .Discuss in detail various medicaments used in pulpotomy of primary teeth.
2. Define oral habit. Discuss in detail about etiology, classification, clinical features, diagnosis and management of mouth breathing habit.

### SHORT ESSAYS.

3. Importance of dental home.
4. Rubber Dam
5. Pit and fissure sealants.
6. Cognitive development theory.
7. Inferior alveolar block in a five- year-old-child.
8. Self- correcting anomalies in mixed dentition.
9. Calcium hydroxide.
10. Lingual arch space maintainer.



### SHORT ANSWERS.

11. Two-digit tooth numbering systems.
12. Turner's hypoplasia.
13. Fluoride varnish.
14. Scammon's growth curve.
15. Incisor liability.

# Rajiv of Health Sciences, Karnataka Gandhi University

IV B.D.S Degree Examination MAR 2021

Time: Three Hours

Max. Marks: 70

## PEDIATRIC AND PREVENTIVE DENTISTRY (RS3)

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary

### LONG ESSAYS

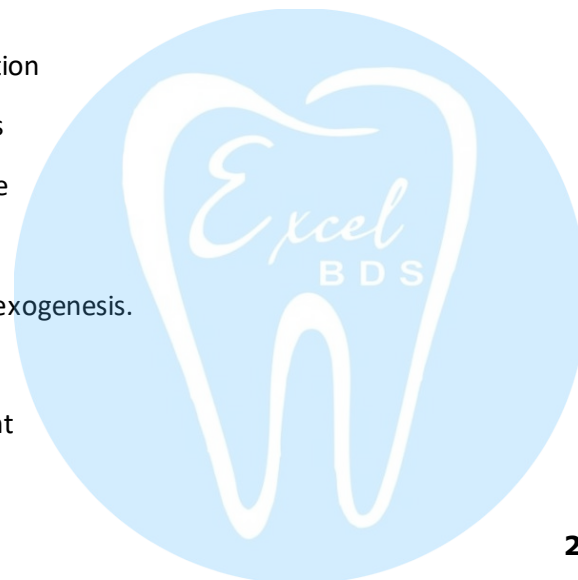
**2X10=20 Marks**

1. Define and classify habits. Discuss the etiology, clinical features and management of thumb sucking habit.
2. Classify topical fluorides. Enumerate and explain in detail about APF gel.

### SHORT ESSAYS

**8X5=40 Marks**

3. Systemic desensitization
4. Juvenile periodontitis
5. Anticipatory guidance
6. Cognitive theory
7. Apexification and Apexogenesis.
8. Leeway space
9. Glass ionomer cement
10. Nursing bottle caries



### SHORT ANSWERS

**2X5=10 Marks**

11. White spot lesions
12. Strip crown
13. Primate spaces
14. Autism
15. Define pedodontics

# Rajiv of Health Sciences, Karnataka Gandhi University

IV B.D.S Degree Examination FEB 2021

Time: Three Hours

Max. Marks: 70

## PEDIATRIC AND PREVENTIVE DENTISTRY

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary

### LONG ESSAYS

**2X10=20 Marks**

1. Define behavior management and enumerate the techniques. Explain any two behaviour modification techniques used in children.
2. Write about Ellis classification of injuries to anterior teeth and discuss the management of avulsed Maxillary central incisor in 5 years old child.

### SHORT ESSAYS

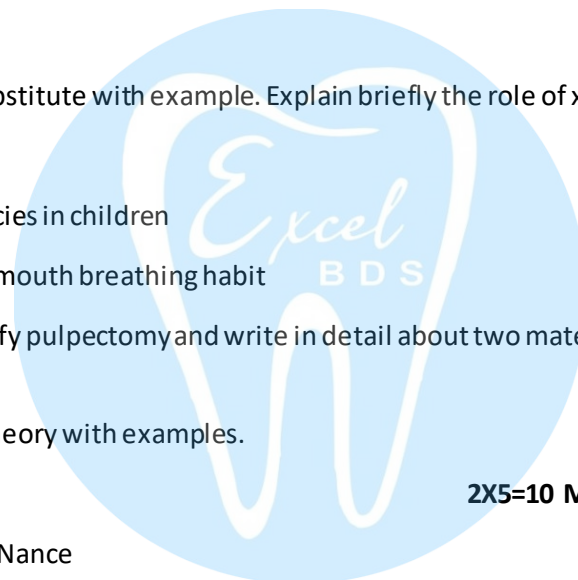
**8X5=40 Marks**

4. Space regainer
5. Classify sugar substitute with example. Explain briefly the role of xylitol in caries prevention.
6. Fluoride varnish
7. Dental emergencies in children
8. Management of mouth breathing habit
9. Define and classify pulpectomy and write in detail about two materials used for pulpectomy in primary teeth.
10. Social learning theory with examples.

### SHORT ANSWERS

**2X5=10 Marks**

11. Leeway space of Nance
12. Reversible and irreversible pulpitis
13. Window of infectivity
14. Turner's tooth
15. Prophylactic antibiotic regime for children with cardiac problems.



# Rajiv of Health Sciences, Karnataka Gandhi University

## IV B.D.S Degree Examination Oct 2020

Time: Three Hours

Max. Marks: 70

### PEDIATRIC AND PREVENTIVE DENTISTRY (RS3)

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary

**OCTOBER 2020**

#### LONG ESSAYS

**(2X10 = 20MARKS)**

1. Classify traumatic injuries according to Ellis and Davey. Discuss in detail about the treatment plan in 7-year-old child who had a fracture of upper central incisor with pulp exposure.
2. Write in detail about indications and contradictions and preparation of stainless-steel crown. Add a note on various modifications of same.

#### SHORT ESSAYS

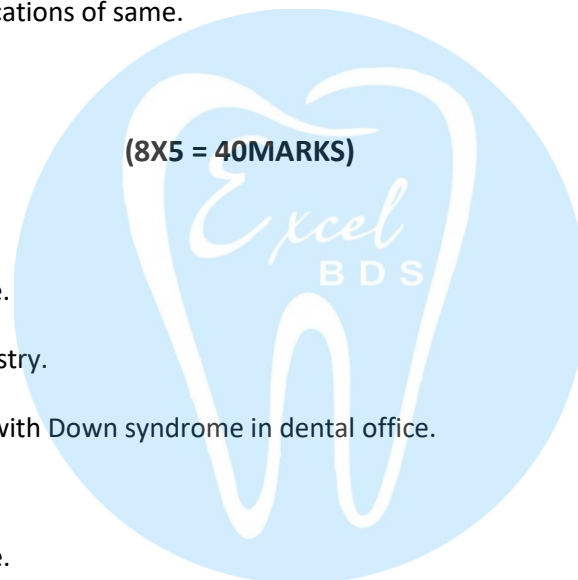
**(8X5 = 40MARKS)**

3. Food guide pyramid.
4. Fluorinated toothpaste.
5. Minimal invasive dentistry.
6. Management of child with Down syndrome in dental office.
7. Space regainer.
8. Tell show do technique.
9. Early childhood caries.
10. Acute necrotizing ulcerative gingivitis.

#### SHORT ANSWERS

**(5X2 = 10MARKS)**

11. Critical pH.
12. Classification of space maintainers.
13. Riga fed syndrome.
14. Bitewing radiograph.
15. Modeling.



# Rajiv of Health Sciences, Karnataka Gandhi University

## IV B.D.S Degree Examination DEC 2019

Time: Three Hours

Max. Marks: 70

### PEDIATRIC AND PREVENTIVE DENTISTRY (RS3)

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary

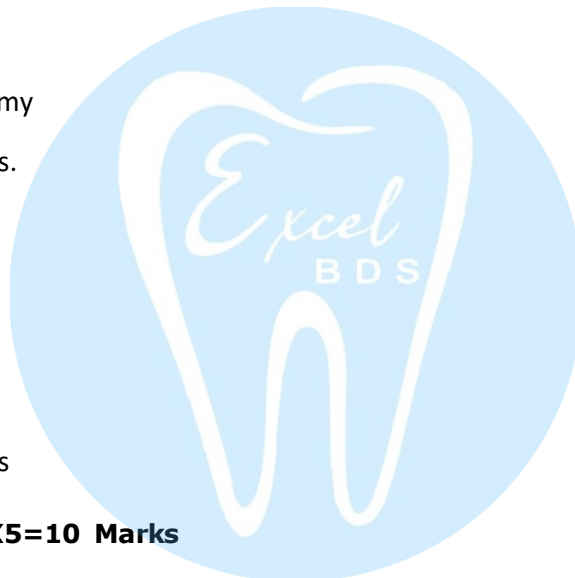
#### LONG ESSAYS

**2X10=20 Marks**

1. Classify topical fluorides. Discuss any two in detail.
2. Define and classify behaviour management. Discuss in detail non-pharmacological methods of behaviour management in children.

#### SHORT ESSAYS 8X5=40 Marks

3. Avulsion
4. Formocresol pulpectomy
5. Behaviour rating scales.
6. Infant oral health.
7. Diet counselling
8. Bruxism
9. Rubber dam
10. Pit and fissure sealants



#### SHORT ANSWERS 2X5=10 Marks

11. Defluoridation
12. Masochistic habits
13. Natal and Neonatal teeth
14. MTA
15. Drug dosage circulation formulas.

# Rajiv of Health Sciences, Karnataka Gandhi University

## IV B.D.S Degree Examination JUN 2019

Time: Three Hours

Max. Marks: 70

### **PEDIATRIC AND PREVENTIVE DENTISTRY**

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary

#### **LONG ESSAYS**

**2X10=20 Marks**

1. Define pulpotomy. Describe in detail the techniques of formocresol pulpectomy on 85 in a 6-year old child.
2. Classify child behaviour. Discuss non-pharmacological behaviour management techniques that can be used in the dental operator.

#### **SHORT ESSAYS**

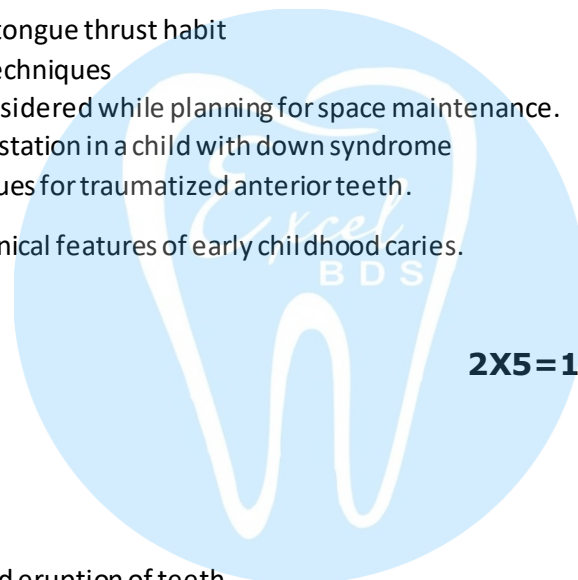
**8X5=40 Marks**

3. Pit and fissure sealants
4. Bruxism
5. Management of tongue thrust habit
6. Defluorination techniques
7. Factors to be considered while planning for space maintenance.
8. Orofacial manifestation in a child with down syndrome
9. Splitting techniques for traumatized anterior teeth.
10. Aetiology and clinical features of early childhood caries.

#### **SHORT ANSWERS**

**2X5=10 Marks**

11. Incisal liability
12. Sugar substitute
13. Causes of delayed eruption of teeth
14. Matrices used in pediatric dentistry
15. Mouth-guard



# Rajiv of Health Sciences, Karnataka Gandhi University

IV B.D.S Degree Examination DEC 2018

Time: Three Hours

Max. Marks: 70

## PEDIATRIC AND PREVENTIVE DENTISTRY

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary

### LONG ESSAYS 2X10=20 Marks

1. Define space maintainer. Write classification of space maintainers. Discuss in detail factors considering in planning of space maintainers with premature extraction of deciduous first molar in a 7 years old child.
2. Define pulpectomy. Enumerate indications and contradictions and procedures for pulpectomy on deciduous second molar.

### SHORT ESSAYS

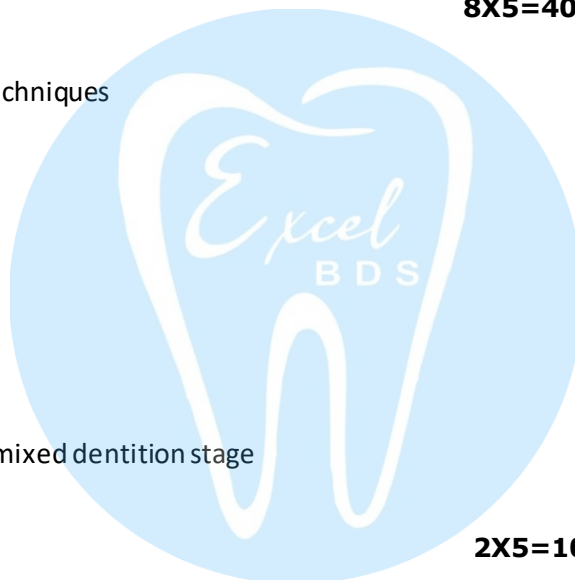
8X5=40 Marks

3. Behaviour shaping techniques
4. Psychiatric triad
5. Autism
6. Fluoride varnish
7. Management of ECC
8. Avulsion
9. Occlusal changes in mixed dentition stage
10. Oral screen

### SHORT ANSWERS

2X5=10 Marks

11. Enumerate environmental causes for Enamel hypoplasia
12. Natal teeth
13. Xylitol
14. Classification of stainless steel crown
15. Objective fear



**PEDIATRIC AND PREVENTIVE DENTISTRY (RS3)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

**LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Write the classification, indications and contradictions of stainless steel crown. Write in detail the technique of placement of stainless steel crown in a primary molar.
2. Define and classify behaviour management. Discuss in detail Non-pharmacological methods of behaviour management in children.

**SHORT ESSAYS**

**8 x 5 = 40 Marks**

3. Fluoride dentifrices
4. Oral manifestations of systemic diseases
5. Down's syndrome
6. Primary and permanent molar relationship
7. Pulp vitality test
8. Eric Erickson theory of child psychology
9. Spaces in primary dentition
10. Apexogenesis

**SHORT ANSWERS**

**(10 X 2=20 Marks)**

11. Post extraction instructions in children
12. Cleft lip and palate
13. Neonatal lines
14. Storage media for avulsed tooth
15. Sequence of eruption of primary and permanent teeth.



# Rajiv Gandhi University of Health Sciences, Karnataka

IV B.D.S Degree Examination DEC 2017

Time: Three Hours

Max. Marks: 70

## **PEDIATRIC AND PREVENTIVE DENTISTRY (RS3)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

### **LONG ESSAYS**

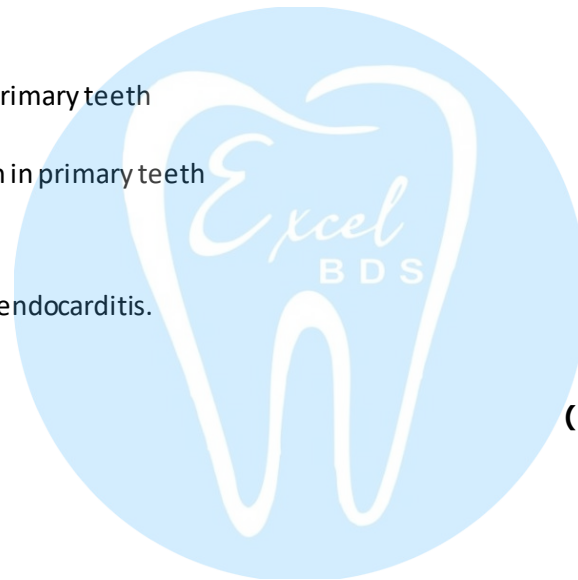
**2 x 10 = 20 Marks**

1. Define normal occlusion. Describe the development of occlusion from birth to adolescence.
2. Describe in detail the morphological and histological differences between primary and permanent teeth.

### **SHORT ESSAYS**

**8 x 5 = 40 Marks**

3. Space regainer.
4. Glass ionomer cement
5. Obturating materials in primary teeth
6. ART
7. Class II cavity preparation in primary teeth
8. Growth spurts
9. Anticipatory guidance
10. Prophylaxis for infective endocarditis.



**(10 X 2=20 Marks)**

### **SHORT ANSWERS**

11. Contingency management
12. Psychiatric triad
13. Ankyloglossia.
14. Wright's classification of behaviour
15. Knutson's technique

# Rajiv Gandhi University of Health Sciences, Karnataka

## IV B.D.S Degree Examination JUNE 2017

Time: Three Hours

Max. Marks: 70

### **PEDIATRIC AND PREVENTIVE DENTISTRY (RS3)**

Your answers should be specific to the questions asked. Draw neat

labelled diagrams wherever necessary

#### **LONG ESSAYS**

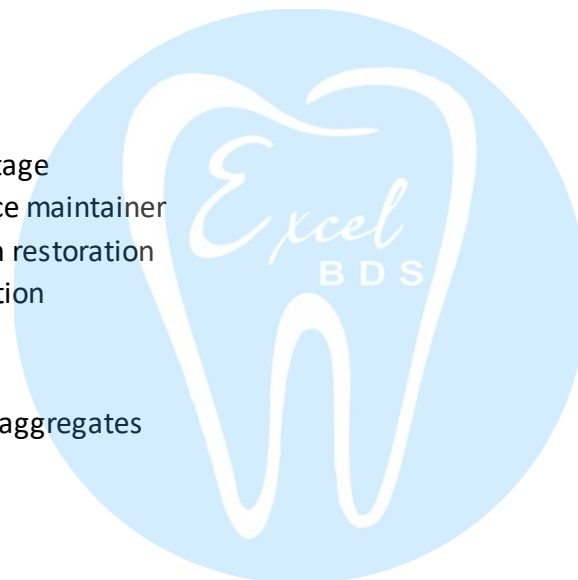
**2 x 10 = 20 Marks**

1. Define and classify pulpectomy. Write in detail about formocresol pulpectomy on primary molar.
2. Write in detail advantages, disadvantages, procedure and modifications of stainless steel crown.

#### **SHORT ESSAYS**

**8 x 5 = 40 Marks**

3. Ugly Duckling stage
4. Distal shoe space maintainer
5. Preventive resin restoration
6. Conscious sedation
7. Avulsion
8. Gum pads
9. Mineral tioxide aggregates
10. APF gel



#### **SHORT ANSWERS**

**(10 X 2=20 Marks)**

11. Shoe leather survey
12. Tongue crib appliance
13. Stoic behaviour
14. Pedodontic triangle
15. Natal and neo natal teeth

# Rajiv Gandhi University of Health Sciences, Karnataka

IV B.D.S Degree Examination – DEC 2016

**Time: Three Hours**

**Max. Marks: 70 Marks**

## **PEDIATRIC AND PREVENTIVE DENTISTRY (RS3)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

### **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Define and classify oral habits. Describe the clinical features and management of thumb sucking habits.
2. Define behaviour management, classify and describe in detail about communication, TSD and HOME.

### **SHORT ESSAYS**

**8 x 5 = 40 Marks**

4. Infected Vs Affected dentine.
5. Discuss sequelae of trauma to primary dentition
6. Distal shoe space maintainers.
7. Ugly Duckling stage
8. Dental management of cerebral palsy children
9. Define pulpectomy. What are the indications of pulpectomy and list the material used for pulpectomy?
10. Psychosexual theory of Sigmund Freud

### **SHORT ANSWERS**

**(10 X 2=20 Marks)**

11. Storage media for avulsed teeth
12. Oral manifestations of AUTISM
13. Oedepus complex
14. Eruption cyst
15. Salt fluoridation

# Rajiv Gandhi University of Health Sciences, Karnataka

IV B.D.S Degree Examination – June 2016

**Time: Three Hours**

**Max. Marks: 70 Marks**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

## **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Define Behaviour management. Describe Wright's classification of behaviour of children in dental clinic. Write in detail about communication as a behaviour management technique.
2. Write in detail about mechanism of action of fluoride in preventing dental caries. Add a note on topical fluorides for home use.

## **SHORT ESSAYS**

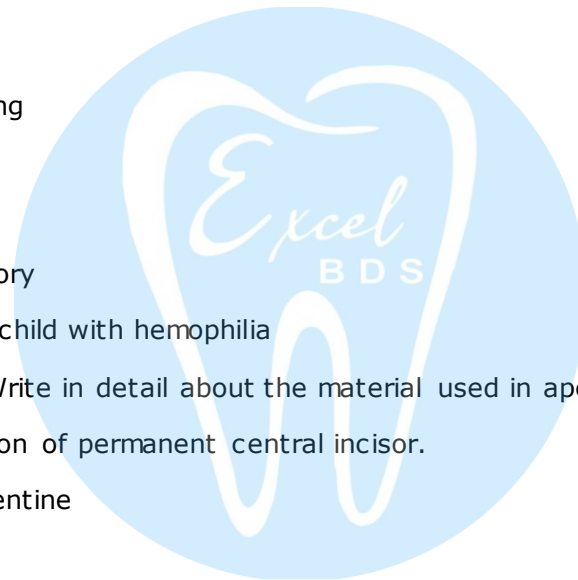
**8 x 5 = 40 Marks**

3. Steps in Diet counselling
4. Dental Home
5. Fixed space regainers
6. Miller's acidogenic theory
7. Dental extraction in a child with hemophilia
8. Define apexification. Write in detail about the material used in apexification.
9. Management of intrusion of permanent central incisor.
10. Affected Vs infected dentine

## **SHORT ANSWERS**

**(10 X 2=20 Marks)**

11. Objectives of dental health education
12. Advantages of a school dental health programme
13. Characteristics features of an abused child
14. Psychic triad
15. Classification of mouth guards



# Rajiv Gandhi University of Health Sciences, Karnataka

IV B.D.S Degree Examination – DEC 2015

**Time: Three Hours**

**Max. Marks: 70 Marks**

## **PEDIATRIC AND PREVENTIVE DENTISTRY (RS3)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

### **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Define ECC. Write in detail about ecological factors of dental caries and management of ECC.
2. Classify Trauma to Anterior teeth based on Ellis and Davey classification. Discuss in detail the diagnosis and treatment plan for an eight years old child who had bicycle fall leading to fracture of upper central incisor with the exposure of the pulp and reported to the Dental clinic three days after the injury.

### **SHORT ESSAYS**

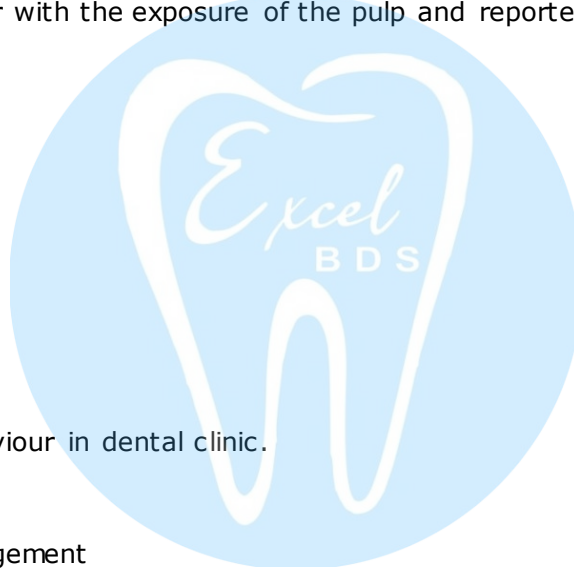
**8 x 5 = 40 Marks**

3. Mixed dentition period
4. Water fluoridation
5. Factors affecting behaviour in dental clinic.
6. Aversive conditioning.
7. Teething and its management
9. Oral screen
10. Scammon's growth curve

### **SHORT ANSWERS**

**(10 X 2=20 Marks)**

11. Catlan's appliance
12. Give two indications and two contradictions of band and loop space maintainer.
13. Components of psychic triad
14. Prevalence and incidence Rate
15. Enumerate any four transient Malocclusion.



# Rajiv Gandhi University of Health Sciences, Karnataka

IV B.D.S Degree Examination – July 2015

**Time: Three Hours**

**Max. Marks: 70 Marks**

## **PEDIATRIC AND PREVENTIVE DENTISTRY (RS3)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

### **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Describe the development of occlusion from birth to six years.
2. Classify Habits. Describe in detail the etiology, clinical features, diagnostic test and management of mouth breathing habit.

### **SHORT ESSAYS**

**8 x 5 = 40 Marks**

3. Classical conditioning theory
4. Apexification Vs Apexogenesis
5. ANUG
7. Anterior cross bite and its correction
8. Classification, indications and contradictions and procedure of pit and fissure sealants
9. Aversive conditioning
10. Phases in treatment planning

### **SHORT ANSWERS**

**(10 X 2=20 Marks)**

11. Indications of stainless steel crown
12. Defluoridation
13. Masochistic habit
14. Teething
15. Classify traumatic injuries to anterior teeth

# Rajiv Gandhi University of Health Sciences, Karnataka

IV B.D.S Degree Examination – DEC 2014

**Time: Three Hours**

**Max. Marks: 70 Marks**

## **PEDIATRIC AND PREVENTIVE DENTISTRY (RS3)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

### **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Define early childhood caries. Write the difference between nursing and rampant caries. Describe step by step management of early childhood caries in children.
2. Define and classify Handicapped children. Explain in detail about the oral features and management of a child with epilepsy.

### **SHORT ESSAYS**

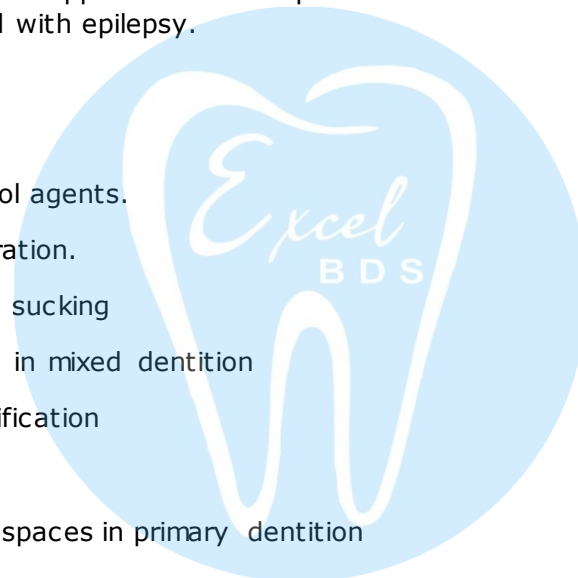
**8 x 5 = 40 Marks**

3. Chemical plaque control agents.
4. Preventive resin restoration.
5. Management of thumb sucking
7. Transient malocclusion in mixed dentition
8. Apexogenesis Vs Apexification
9. Teething disorders
10. Clinical significance of spaces in primary dentition

### **SHORT ANSWERS**

**(10 X 2=20 Marks)**

11. Id, ego and super ego
12. Requisites of obturation materials used in primary teeth
13. Window of infectivity
14. Hypnosis
15. Tooth numbering system



# Rajiv Gandhi University of Health Sciences, Karnataka

IV B.D.S Degree Examination – JUNE 2014

**Time: Three Hours**

**Max. Marks: 70 Marks**

## **PEDIATRIC AND PREVENTIVE DENTISTRY (RS3)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

### **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Define and classify behaviour. Describe step wise management of an uncooperative five year child patient.
2. Define and classify pulpectomy. Discuss in detail the various materials used in pulpectomy with its advantages and disadvantages.

### **SHORT ESSAYS**

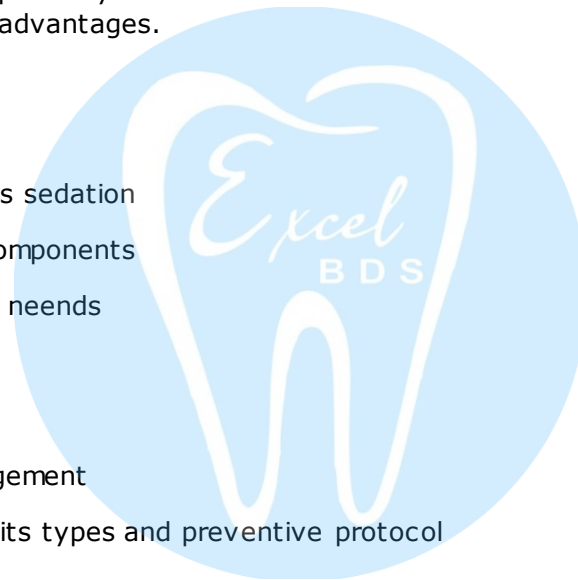
**8 x 5 = 40 Marks**

3. Nitrous oxide conscious sedation
4. Rubber Dam and its components
6. Theory of Hierarchy of needs
7. Fluoride varnish
8. Dental neglect
9. Avulsion and its management
10. Early childhood caries, its types and preventive protocol

### **SHORT ANSWERS**

**(10 X 2=20 Marks)**

11. Natal and Neonatal
12. Growth spurts
13. Moyer's Mixed Dentition Analysis
14. Psychic Triad
15. Nalgonda technique





# Rajiv Gandhi University of Health Sciences, Karnataka

IV B.D.S Degree Examination – DEC 2013

**Time: Three Hours**

**Max. Marks: 70 Marks**

## **PEDIATRIC AND PREVENTIVE DENTISTRY (RS3)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

### **LONG ESSAYS**

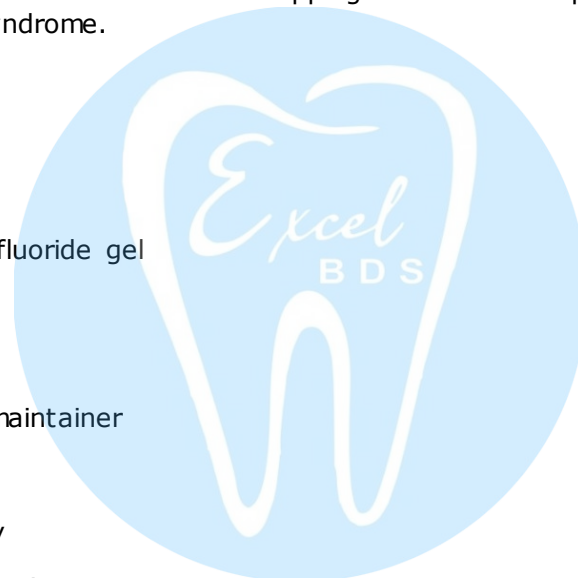
**2 x 10 = 20 Marks**

1. Define space maintenance. Explain the factors to be considered before giving a space maintainers
2. Enumerate Nowak's classification of Handicapping conditions. Explain Dental management of a patient with Down's syndrome.

### **SHORT ESSAYS**

**8 x 5 = 40 Marks**

3. Acidulated phosphate fluoride gel
- 4.
5. Types of Fear
6. Band and loop space maintainer
7. Modeling
8. Single visit pulpectomy
9. Preventive resin restoration
10. Definition, clinical features and management of bruxism



### **SHORT ANSWERS**

**(10 X 2=20 Marks)**

11. Aims and objectives of minimal intervention dentistry
12. Any four differences between pulp of primary and permanent teeth
13. What is a) positive reinforcement b) negative reinforcement?
14. Advantages of water fluoridation
15. Enumerate any four types of splints used for management of trauma to anterior teeth.

# Rajiv Gandhi University of Health Sciences, Karnataka

IV B.D.S Degree Examination – JUN 2013

**Time: Three Hours**

**Max. Marks: 70 Marks**

## **PEDIATRIC AND PREVENTIVE DENTISTRY (RS3)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

### **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Define childhood caries and describe the etiology, clinical features and management of severe early childhood caries.
2. Classify oral habits. Discuss etiology, clinical features and management of thumb sucking habit in children

### **SHORT ESSAYS**

**8 x 5 = 40 Marks**

- 3.
4. Psychic triad
5. Childhood Autism.
6. Importance of Dental home.
7. Apexogenesis and Apexification
8. Pit and fissure sealants
9. Inferior alveolar nerve block in 3 years old child.
10. Chemical plaque control

### **SHORT ANSWERS**

**(10 X 2=20 Marks)**

11. Indications of serial extraction
12. Mechanism of action of fluoride gel.
13. Drugs used for oral sedation.
14. Buffering action of saliva.
15. Positive reinforcement.



# Rajiv Gandhi University of Health Sciences, Karnataka

IV B.D.S Degree Examination – DEC 2012

**Time: Three Hours**

**Max. Marks: 70 Marks**

## **PEDIATRIC AND PREVENTIVE DENTISTRY (RS3)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

### **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Write about Ellis classification and treatment of Ellis class III fractures of a maxillary central incisor in 8 year old child.
2. Discuss the development of occlusion from birth to 12 years

### **SHORT ESSAYS**

**8 x 5 = 40 Marks**

3. Composition and indications of stainless steel
4. Dental vs skeletal age
6. Indications for space maintainers
7. Management of early childhood caries
8. Management of child with Down's syndrome
9. Classify mouth breathing habit. Write in about its clinical features
10. Composition and setting reaction of glass ionomer cement

### **SHORT ANSWERS**

**(10 X 2=20 Marks)**

11. Indications of pit and fissure sealants
12. Pedodontic triangle
13. Drug dosage formula for children
14. Define pedodontics
15. Fluoride varnish

# Rajiv Gandhi University of Health Sciences, Karnataka

IV B.D.S Degree Examination – JUN/JULY 2012

**Time: Three Hours**

**Max. Marks: 70 Marks**

## **PEDIATRIC AND PREVENTIVE DENTISTRY (RS3)**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

### **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Define pulpectomy and discuss advantages and disadvantages of formocresol pulpectomy over mineral trioxide pulpectomy.
2. Enumerate and explained the mechanism of action of topical fluorides against caries.

### **SHORT ESSAYS**

**8 x 5 = 40 Marks**

3. Lingual arch space maintainers
4. Cariogram
6. Management of anterior cross bite.
7. Minimal intervention dentistry.
- 8.
10. Battered child syndrome.



### **SHORT ANSWERS**

**(10 X 2=20 Marks)**

11. Trisomy 21
12. Composition of local Anesthesia
13. Four important features of pediatric dental set up.
14. Primate space.
15. Apexogenesis .



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