

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – Part (I) – EXAMINATION – SEPT – DEC 2023

Specialization: Pediatric and Preventive Dentistry

Date: 29/09/2023

Subject Code: 2DS2080101

Subject Name: Paper-I

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following questions

- | | | |
|------|--|----|
| Q.1 | Classify cyst? Describe in detail dentigerous cyst. | 10 |
| Q.2 | Discuss the developmental and functioning of oral immune system from birth to 12 yrs of age. | 10 |
| Q.3 | Describe origin, course and applied anatomy of maxillary nerve. | 10 |
| Q.4 | Describe anatomy of deciduous molars. | 10 |
| Q.5 | Describe in detail development of face. | 10 |
| Q.6 | Discuss role of carbohydrate in dental caries. | 10 |
| Q.7 | Precautions to be taken in clinic to manage patients with COVID19. | 10 |
| Q.8 | Describe regulation of salivary secretion. | 10 |
| Q.9 | Chi-square test | 10 |
| Q.10 | Genes responsible for tooth formation. | 10 |

Seat No.:

PRN

Narsinhbhai Patel Dental college & Hospital, Visnagar
M.D.S. – Part-I – EXAMINATION – 2023

Specialization: Pediatric and Preventive Dentistry

Date: 12/08/2023

Subject Code: 2DS2080101

Subject Name: Paper-I Basic Science

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Questions

- | | |
|---|----|
| Q.1 Temporomandibular Joint. | 10 |
| Q.2 Write about structure of tongue and its blood and nerve supply. | 10 |
| Q.3 Mechanism of blood coagulation. | 10 |
| Q.4 Deglutition reflex. | 10 |
| Q.5 Factor influencing wound healing. | 10 |
| Q.6 Salivary Immunoglobulins. | 10 |
| Q.7 Oral Microflora. | 10 |
| Q.8 Delayed Hypersensitivity. | 10 |
| Q.9 Antibiotics used in Pediatric Dentistry. | 10 |
| Q.10 Herpes Virus | 10 |

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY

M.D.S. 3rd Year (Part-II) Paper III – EXAMINATION – MAY – JULY 2023

Specialization: Pediatric and preventive dentistry

Date: 30/06/2023

Subject Code: 2DS2080203

Subject Name: Paper III

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Essay Questions (Any Two out of Three) 100 Marks

- | | | |
|-----|---|----|
| Q.1 | Give classification of cleft lip and palate. Discuss the management of a patient with cleft lip and palate from birth to adolescence. | 50 |
| Q.2 | Recent advances with AAPD guidelines on management of Avulsion injuries.. | 50 |
| Q.3 | Changing trends in Caries management. | 50 |

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY

M.D.S. 3rd Year (Part-II) Paper II – EXAMINATION – MAY – JULY 2023

Specialization: Pediatric & Preventive Dentistry

Date: 28/06/2023

Subject Code: 2DS2080202

Subject Name: Paper II

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1 Critically analyze Jean Piaget's theory and enumerate the applications in clinical behavior management of children. **25**
- Q.2 Discuss the evolution of topical fluoride. How does continuous daily fluoride exposure differ in its interaction with enamel, as compared to systemic fluoride? **25**

Answer following Short Questions

- Q.3 Interception for mandibular prognathism **10**
- Q.4 Sugar substitutes **10**
- Q.5 Dentoalveolar effects of oral habits. **10**
- Q.6 Incremental oral health care. **10**
- Q.7 Remineralizing Vs Regeneration of Enamel **10**

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. 3rd Year (Part-II) Paper I – EXAMINATION – MAY – JULY 2023

Specialization: Pediatric and preventive dentistry

Subject Code: 2DS2080201

Date: 26/06/2023

Subject Name: Paper I

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- | | | |
|-----|--|----|
| Q.1 | Factors governing space maintenance | 25 |
| Q.2 | Pros and cons of Rotary endodontics in primary teeth with literature evidence. | 25 |

Answer following Short Questions

- | | | |
|-----|---|----|
| Q.3 | SHED | 10 |
| Q.4 | Battered child syndrome | 10 |
| Q.5 | Contingency management | 10 |
| Q.6 | Caries detection and diagnosis | 10 |
| Q.7 | Role of cephalometrics in pediatric dentistry | 10 |

Narsinhbhai Patel Dental college & Hospital, Visnagar
M.D.S. – Part-II – EXAMINATION – 2023

Specialization: Pediatric & Preventive Dentistry

Date: 29/03/2023

Subject Code: 2DS2080203

Subject Name: Paper-III ESSAY

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Essay Questions (Any Two out of Three)

100 Marks

- | | | |
|-----|---|----|
| Q.1 | Implants in Pediatric Dentistry – Current concepts and principles. | 50 |
| Q.2 | Stem cells and biological approaches for pulp regeneration. | 50 |
| Q.3 | Discuss the recent advances in the chemico-mechanical removal of Dental Caries. | 50 |

Seat No.:

PRN

Narsinhbhai Patel Dental college & Hospital, Visnagar
M.D.S. – Part-II – EXAMINATION – 2023

Specialization: Pediatric&PreventiveDentistry

Date: 28/03/2023

Subject Code: 2DS2080202

**Subject Name: Paper-II PREVENTIVE & COMMUNITY DENTISTRY
AS APPLIED TO PEDIATRIC DENTISTRY**

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1 Discuss the Erik Erikson's theory of psychology and its applications among children in a dental setup 25
- Q.2 Deliberate on – "Fluoride –A double edged sword" 25

Answer following Short Questions

- Q.3 Midline diastema - Etiology and mangement 10
- Q.4 Growth trends 10
- Q.5 Types of Fear and anxiety?. Explain various Scales to measure both. 10
- Q.6 Mixed dentition analysis 10
- Q.7 Importance of Diet analysis in pediatric dentistry 10

Seat No.:

PRN

Narsinhbhai Patel Dental college & Hospital, Visnagar
M.D.S. - Part-II - EXAMINATION - 2023

Specialization: Pediatric & Preventive Dentistry

Date: 27/03/2023

Subject Code: 2DS2080201

Subject Name: Paper I (Clinical Pediatric dentistry)

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1 Write a brief note on splinting in trauma patient. 25
- Q.2 Describe etiology, diagnosis and management of sleep disorder breathing. 25

Answer following Short Questions

- Q.3 RME 10
- Q.4 2*4 appliances in pediatric dentistry. 10
- Q.5 Role of stem cells in pediatric dentistry. 10
- Q.6 Protective immobilization. 10
- Q.7 Advancement in imaging techniques. 10

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. -1st Year, Part (I) – EXAMINATION, July-September 2022

Specialization: Pediatric and Preventive Dentistry

Date: 13/09/2022

Subject Code: 2DS2080101

Subject Name: Paper-I

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following questions

- Q.1 Describe the development and congenital anomalies of hard and soft palate. 10
- Q.2 Describe different sampling methods in research. 10
- Q.3 Explain the role of saliva in maintaining oral health. 10
- Q.4 Discuss self correcting anomalies of developing dentition. 10
- Q.5 Biological changes in eruption and shedding of teeth. 10
- Q.6 Discuss the genetic concepts of developmental defects of enamel and dentin. 10
- Q.7 Describe vital signs in children at various age groups. 10
- Q.8 Discuss various growth changes at different ages associated with growth spurts. 10
- Q.9 Describe microbiology of dental plaque. 10
- Q.10 Discuss chemical mediators of inflammation and explain how they modulate the inflammatory process? 10

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – Part (1) – MOCK EXAMINATION – JUNE – JULY 2022

Specialization: Pediatric and preventive dentistry

Date: / / 2022

Subject Code: 2DS2080101

Subject Name: Basic paper part I

Time: 3 hours

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Question Number	Questions (Without Option)	Marks
Q.1	Describe the factors that predispose to intravascular thrombosis. Describe the fate of thrombus.	10
Q.2	Discuss the mechanism of tooth eruption. Add a note on its applied aspects	10
Q.3	Tests of significance	10
Q.4	Define pain. Describe in detail of theories and pathways of pain	10
Q.5	Explain active and passive immunity.	10
Q.6	Anatomy of Temporomandibular joint and its significance	10
Q.7	Enumerate Viral infections in children	10
Q.8	Role of streptococcus Mutans in Child's oral cavity	10
Q.9	Growth assessment	10
Q.10	Define biopsy and what are the various biopsy techniques?	10

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – Part-II – EXAMINATION – JULY - SEPT 2022

Specialization: Pediatrics and Preventive Dentistry

Subject Code: 2DS2080203

Date: 07/07/2022

Subject Name: Paper III

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Essay Questions (Any Two out of Three)

100 Marks

- Q.1 Discuss the Role of fluorided and non-fluoridated Remineralizing agents in whitespot lesion prevention with historical background, evidences and milestone studies. 50
- Q.2 Write an essay on diet & Nutrition and its effect on oral health. 50
- Q.3 Discuss various risk factors for causing Early Childhood Caries with milestone studies and actions to be taken for prevention of ECC according to AAPD Guidelines. 50

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – Part-II – EXAMINATION – JULY - SEPT 2022

Specialization: Pediatrics and Preventive Dentistry

Subject Code: 2DS2080202

Date: 05/07/2022

Subject Name: Paper II

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1 Discuss the road-map to conduct successful 'school oral health programme' in your community 25
- Q.2 Role of pediatric dentist in Prevention of sport injury and Sports dentistry in India 25

Answer following Short Questions

- Q.3 Resin infiltration technique 10
- Q.4 Discuss various Isolation techniques used in pediatric dentistry 10
- Q.5 Cariogram 10
- Q.6 Pain and anxiety scales used in pediatric dentistry 10
- Q.7 Use of social media in providing dental health education 10

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – Part-II – EXAMINATION – JULY - SEPT 2022

Specialization: Pediatrics and Preventive Dentistry

Date: 02/07/2022

Subject Code: 2DS2080201

Subject Name: Paper I

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1 Discuss in detail about regenerative endodontic materials used for young permanent anterior tooth with latest references and critical evaluation of the medicaments used for the procedure 25
- Q.2 Write in detail about self-correcting malocclusions and development of occlusion in children between 7yr. to 12 yrs. Of age 25

Answer following Short Questions

- Q.3 Thumb sucking habit and its effect on dentition 10
- Q.4 Stem cells of the pulp 10
- Q.5 Local anaesthetic agents 10
- Q.6 Tabulate various studies on stainless steel crown 10
- Q.7 Various distraction methods used in clinical pediatric dentistry 10

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – Part-II – EXAMINATION – JULY - AUGUST 2022

Specialization:**Pediatric & Preventive Dentistry****Date:** 11 / 05 / 2022**Subject Code:** 2DS2080201**Subject Name:** Clinical Pediatric dentistry**Time:** 3 Hrs.**Total Marks:** 100**Instructions:**

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Question Number	Questions (Without Option)	Marks
Long Questions		
Q.1	Describe dental consideration and management of various medically compromised children	25
Q.2	Define conscious sedation and discuss in detail its use in management of children.	25
Short Questions		
Q.3	Window of infectivity.	10
Q.4	MIH and HSPM and its management	10
Q.5	Mineral trioxide aggregate applications in pediatric dentistry.	10
Q.6	Ankyloglossia and its management.	10
Q.7	Caries Infiltration technique.	10

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – Part-II – EXAMINATION – JULY - AUGUST 2022

Specialization: Pediatric & Preventive Dentistry

Date: 12 / 05 / 2022

Subject Code: 2DS2080202

Subject Name: Preventive and Community Dentistry as applied to Pediatric Dentistry

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Question Number	Questions (Without Option)	Marks
Long Questions		
Q.1	Describe Randomized Clinical Trial in detail.	25
Q.2	Describe in detail the landmark studies of School dental health programme.	25
Short Questions		
Q.3	ACP-CPP	10
Q.4	Dental Home.	10
Q.5	Describe landmark study on water fluoridation.	10
Q.6	SDF	10
Q.7	Chi square test.	10

Seat No.: _____

PRN _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – Part-II – EXAMINATION – JULY - AUGUST 2022

Specialization: Pediatric & Preventive Dentistry

Date: 13 /05 / 2022

Subject Code: 2DS2080203

Subject Name: ESSAY

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt any 2 questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Question Number	Essay Questions (Any Two out of Three)	100 Marks
Q.1	Sleep Disorder Breathing.	50
Q.2	Describe the various rapid maxillary appliances.	50
Q.3	Recent advances in Pediatric dentistry.	50

MDS Mock EXAMINATION

APRIL 2021

PEDODONTICS AND PREVENTIVE DENTISTRY

PAPER I [APPLIED BASIC SCIENCES]

Time: 3 hours

[Total Marks :100]

Note: 1) All questions are compulsory

2) Draw neat, labeled diagrams wherever required.

Answer following questions

10x 10=100

1. What is pain. Describe pain pathway in children and highlight the role of fear and anxiety on pain perception in children
2. Diagnostic value of Saliva in pediatric dentistry
3. Significance of Reflexes in Pediatric dentistry
4. Methods to determine Drug Dosage in children
5. Biochemical Role of Vitamin K & its deficiency manifestations.
6. PCR
7. Various types of study designs in research. Add a note on RCT.
8. Commensals of the oral cavity
9. Muscles of Facial Expression
10. Delayed Hypersensitivity

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY

M.D.S. – 3rd Year Part-II – EXAMINATION, July - September 2021

Specialization: **Pediatric Dentistry**

Date: 2/7/ 2021

Subject Code: 2DS2080203

Subject Name: Paper- III

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt any TWO questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Essay Questions (Any Two out of Three)

100 Marks

- | | |
|--|----|
| Q.1 High Risk Caries- A Clinical Challenge | 50 |
| Q.2 Write in detail about Medically compromised pediatric dental patient management under LA/ GA | 50 |
| Q.3 What is preventive orthodontics? Discuss in detail the space management methods for the entire arch. | 50 |

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year Part-II – EXAMINATION, July - September 2021

Specialization: Pediatric Dentistry

Date: 30/6/ 2021

Subject Code: 2DS2080202

Subject Name: Paper- II

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1** What is the role of fluoride in tooth remineralization? Discuss about other latest remineralizing agents with good research work **25**
- Q.2** Discuss Step wise management with Atraumatic Restorative Technique in Pediatric dental practice and its Significance in Indian scenario **25**

Answer following Short Questions

- Q.3** Diet Diary in Pediatric Dentistry. **10**
- Q.4** Power of a test in biostatistics and its importance. **10**
- Q.5** Methods of growth assessment. **10**
- Q.6** Discuss various Scales used in Pediatric Dentistry for measuring Anxiety with good research references. **10**
- Q.7** Skinner's Operant conditioning theory and its application in pediatric dentistry. **10**

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year Part-II – EXAMINATION, July - September 2021

Specialization: Pediatric Dentistry

Date: 28/6/ 2021

Subject Code: 2DS2080201

Subject Name: Paper- I

Time: 3 Hrs.

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1** Explain in detail about the various storage media available for avulsed tooth and clinical management of avulsed tooth of an 8 yr. old boy **25**
- Q.2** Composition of Glass ionomer cements and discuss its importance in pediatric dental practice with reliable evidences **25**

Answer following Short Questions

- Q.3** Discuss management of Anterior cross bite in primary teeth **10**
- Q.4** Aversive conditioning and its impact on children in Pediatric dental clinic **10**
- Q.5** Role of teeth in determination of human identity in forensic dentistry **10**
- Q.6** Molar Incisor Hypoplasia and its management **10**
- Q.7** Diffusion Hypoxia **10**

MDS Mock EXAMINATION

APRIL 2021

PEDODONTICS AND PREVENTIVE DENTISTRY

PAPER III (Essay)

Time: 3 hours

[Total Marks : 100]

- 1) All questions are compulsory
- 2) Draw neat, labeled diagrams wherever required.

Any Question (Attempt two out of three questions)

50x 2= 100

1. Recent advances in pediatric dentistry.
2. Laser in pediatric dentistry ?
3. Define Cerebral palsy. Describe role of pediatric dentist in management of cerebral palsy.

MDS Mock EXAMINATION

APRIL 2021

PEDODONTICS AND PREVENTIVE DENTISTRY

PAPER II (Preventive Dentistry)

Time: 3 hours

[Total Marks : 100]

Note: 1) All questions are compulsory

2) Draw neat, labeled diagrams wherever required.

Long Essays

2x25= 50

1. Discuss the various mixed dentition analysis.
2. Discuss the various deleterious oral habits and their role in developing malocclusion with various studies reported in the literature.

Short Essays

10x5 = 50

1. Caries vaccine
2. CPP-ACP
3. Child abuse –dentists' role.
4. Landmark study of water fluoridation
5. Dental varnish

SANKALCHAND PATEL UNIVERSITY
M.D.S. – Part (1) – EXAMINATION – JULY-AUGUST-2020

Specialization: Paediatric and Preventive Dentistry

Date: 25/08/ 2020

Subject Code: 2DS2080101

Subject Name: APPLIED BASIC SCIENCES

Time: 3HOURS

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following questions

	Marks
Q.1 Describe the histological development of teeth.	10
Q.2 What is acquired pellicle. Explain its role in the formation of dental plaque	10
Q.3 Describe the origin, course and distribution of mandibular nerve and discuss on applied anatomy.	10
Q.4 Discuss the factors influencing the salivary secretion. Add a note on salivary buffers and effect on dental caries.	10
Q.5 Discuss neural regulation of respiration in children with special reference to syncope?	10
Q.6 Discuss about the chemical mediators of inflammation and how they modulate the inflammatory process.	10
Q.7 Explain growth trends and its clinical importance	10
Q.8 Define sample. How do you determine a sample design and explain the different sampling techniques? Add a note on bias in sampling	10
Q.9 Classify odontogenic tumours?? Describe the clinical features and radiographic findings of ameloblastoma	10
Q.10 Elaborate Viral infections among children. Explain the clinical findings of the COVID-19 virus among pediatric population.	10

SANKALCHAND PATEL UNIVERSITY
M.D.S. 1st Year- Part (1) – EXAMINATION – JUNE-JULY 2019

Specialization: PEDIATRIC AND PREVENTIVE DENTISTRY

Subject Code: 2DS2080101

Date: 10/06/2019

Subject Name: Applied Basic Sciences, Paper-1

Time: 3hrs

Total Marks: 100

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following questions

- Q.1 Write about Diet-Dairy of pediatric dental patients, Discuss importance of the same. 10
- Q.2 Write in detail about Normal Oral micro-flora in children 10
- Q.3 Describe the mechanism of coagulation of blood and add a note on anticoagulants 10
- Q.4 Give details on Nerve supply for primary and permanent teeth 10
- Q.5 Give details of commonly employed analgesics in dental clinic to reduce operative pain in child-patient. 10
- Q.6 Discuss the prenatal and postnatal development of maxilla. 10
- Q.7 What is a reflex? Discuss in detail the neonatal reflexes and highlight their importance in paediatric practice. 10
- Q.8 Write in detail about oral defence mechanism 10
- Q.9 Explain the relation, function, innervations and clinical aspects of Parotid gland 10
- Q.10 Write a note on hyper and hypo-vitaminosis D in a growing child. 10

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year – EXAMINATION – JULY-AUGUST- 2020

Specialization: Paediatric and Preventive Dentistry

Date: 17/08/ 2020

Subject Code: 1DS2080101

Subject Name: Paper-I Basic science and applied anatomy

Time: 3hr

Total Marks: 75

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1** Write a short note on saliva as a diagnostic tool. 20
- Q.2** What is 'House Keeping Gene'? Describe different types of genes. Where does a single helical DNA present in the genetic system? 20

Answer following Short Questions

- Q.3** Nature vs Nurture 7
- Q.4** Antibiotic prophylaxis in children 7
- Q.5** Biochemistry of plaque 7
- Q.6** Bias in sampling 7
- Q.7** Theories of tooth eruption 7

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year – EXAMINATION – JULY-AUGUST-2020

Specialization: Paediatric and Preventive Dentistry

Date: 19/08/ 2020

Subject Code: 1DS2080102

Subject Name: Paper-II, Clinical pediatric dentistry

Time: 3hr

Total Marks: 75

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1** Critically discuss the restorative options of proximal incisal caries in primary anterior teeth 20
- Q.2** Write in detail about development of occlusion from birth to adolescence 20

Answer following Short Questions

- Q.3** Tabulate various studies on stainless steel crown 7
- Q.4** Recent advances in transport medium for avulsed tooth 7
- Q.5** Recent trends in biomechanical preparation of primary teeth 7
- Q.6** Management of Aggressive periodontitis in children with references 7
- Q.7** Lasers in pediatric dentistry 7

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year – EXAMINATION – JULY-AUGUST-2020

Specialization: Paediatric and Preventive Dentistry

Date: 21/08/ 2020

Subject Code: 1DS2080103

Subject Name: Paper-III

Time: 3HR

Total Marks: 75

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1 Elaborate on classic diet and dental caries study. Elaborate the role of diet counseling in prevention of dental caries 20
- Q.2 Discuss in detail the epidemiological studies of dental caries conducted in India during the last three decades. Also evaluate critically the methodology, sampling method and state the cross-comparison 20

Answer following Short Questions

- Q.3 Sex determination using primary teeth 7
- Q.4 Casein phosphate in prevention of dental caries 7
- Q.5 Pharmacological management of fear and anxiety 7
- Q.6 Dental caries vaccine 7
- Q.7 Topical fluorides and possibilities of their application in Indian pediatric population 7

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year – EXAMINATION – JULY-AUGUST- 2020

Specialization: Paediatric and Preventive Dentistry

Date: 24/08/ 2020

Subject Code: 1DS2080104

Subject Name: Paper-IV, ESSAY

Time: 3hr

Total Marks: 75

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Essay Questions (One out of Two)

75 Marks

Q.1 Minimal intervention dentistry

Q.2 Current concepts in vital pulp therapy

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year – EXAMINATION JUNE-JULY 2019

Specialization: Pediatric And Preventive Dentistry

Date: 01/06/ 2019

Subject Code: 1DS2080101

Subject Name: Basic Applied Sciences, Paper- I

Time: 3 hours

Total Marks: 75

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

Q.1 Describe the various Viral lesions affecting the oral cavity. 20

Q.2 Describe the prenatal and post natal growth of Mandible. 20

Answer following Short Questions

Q.3 Blood groups. 7

Q.4 Infection control in a dental office 7

Q.5 Commensals of the oral cavity 7

Q.6 Significance of Reflexes in Pediatric dentistry 7

Q.7 3 –D printing 7

MDS MOCK EXAMINATION 2019
PEDODONTICS AND PREVENTIVE DENTISTRY

PAPER I

Time: 3 hours

[Total Marks : 75]

Note: 1) All questions are compulsory

2) Draw neat, labeled diagrams wherever required.

Long Essays

2X20= 40

1. Describe origin course branches and innervations of the Trigeminal nerve.
2. Enumerate the various steps in coagulation of blood. Add a note on coagulation disorders and dental implications among children.

Short Essays

7X5 =35

1. Oral manifestations of AIDS
2. Cluster Sampling
3. Mumps
4. Theories of tooth eruption
5. Antibiotic prophylaxis in children

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year – EXAMINATION JUNE-JULY 2019

Specialization: Pediatric And Preventive Dentistry

Date: 03/06/2019

Subject Code: 1DS2080102

Subject Name: Paper-II

Time: 3hrs

Total Marks: 75

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1 Esthetic crowns used in Pediatric dentistry 20
- Q.2 Describe WSL/ initial demineralization and its management with support of literature 20

Answer following Short Questions

- Q.3 Implants in Pediatric dentistry 7
- Q.4 Drugs used for chairside sedation 7
- Q.5 Management of Ectopic eruption 7
- Q.6 SDF 7
- Q.7 Munchausens Syndrome by proxy 7

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year – EXAMINATION – JUNE-JULY 2019

Specialization: Pediatric And Preventive Dentistry
Subject Code: 1DS2080103
Subject Name: Paper-III

Date: 06/06/ 2019

Time: 3hrs

Total Marks: 75

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Long Questions

- Q.1 Discuss the management of premature loss of second deciduous molar in a 3year old child. 20
- Q.2 School Dental Health program. 20

Answer following Short Questions

- Q.3 Ethical considerations in clinical research 7
- Q.4 Compare the various theories of Psychology 7
- Q.5 Caries activity tests. 7
- Q.6 Defluoridation 7
- Q.7 Dental Home. 7

SPU-99039

SPU-99039

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
M.D.S. – 3rd Year – EXAMINATION JUNE-JULY 2019

Specialization: Pediatric And Preventive Dentistry

Date: 08/06/2019

Subject Code: 1DS2080104

Subject Name: Paper-IV Essay

Time: 3hrs

Total Marks: 75

Instructions:

1. Attempt all questions.
2. Make suitable flowcharts wherever necessary.
3. Figures to the right indicate full marks.

Answer following Essay Questions

(One out of Two)

75 Marks

Q.1 Regenerative Endodontics

Q.2 Define Syndrome. Describe various syndromes which affect the Oro-facial structures.

MDS MOCK EXAMINATION 2019
PEDODONTICS AND PREVENTIVE DENTISTRY
PAPER II (CLINICAL PEDIATRIC DENTISTRY)

Time: 3 hours

[Total Marks : 75]

Note: 1) All questions are compulsory

2) Draw neat, labeled diagrams wherever required.

Long Essays

2X20= 40

1. Enumerate the various Non-pharmacological behavior management techniques. Recent advances in audiovisual aids.
2. Critically evaluate with literature, various pulp medicaments used in pediatric Endodontics.

Short Essays

7X5 =35

1. Cariogram
2. Sugar substitutes
3. Anterior tooth crossbite
4. Clinical applications of Piaget's theory.
5. Crown down technique of tooth preparation

MDS MOCK EXAMINATION 2019

PEDODONTICS AND PREVENTIVE DENTISTRY

**PAPER III (PREVENTIVE AND COMMUNITY DENTISTRY AS
APPLICABLE IN PEDODONTICS)**

Time: 3 hours

[Total Marks : 75]

Note: 1) All questions are compulsory

2) Draw neat, labeled diagrams wherever required.

Long Essays

2X20= 40

1. Discuss in detail management of S-ECC in young children.
2. Elaborate the classic Diet and dental caries studies. Elaborate the role of diet counseling in caries prevention.

Short Essays

7X5 = 35

1. Fluoride mouth rinses
2. Glass Ionmer as a biomemetic material
3. School dental health program
4. Concepts of Prevention
5. Remineralisation agents.

MDS MOCK EXAMINATION 2019
PEDODONTICS AND PREVENTIVE DENTISTRY

PAPER IV

Time: 3 hours

[Total Marks : 75]

Note: 1) All questions are compulsory.

2) Draw neat, labeled diagrams wherever required.

1. Define and classify handicapped children. Discuss the management of a mentally retarded child in Dental office

OR

2. Regenerative Endodontics.