

Q.P. CODE:478-NR/D316A01

**DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – SEPTEMBER, 2026**

SPECIALITY: PAEDIATRIC DENTISTRY

PART – 1:PAPER-I

(Applied Basic Sciences: Applied Anatomy, Physiology, and Biochemistry,
Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics
Growth and Development and Dental plaque, Genetics.)
(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1). Describe the surgical anatomy of the Maxillary Nerve (V2). Discuss its clinical significance in relation to local anesthesia in the maxillofacial region
- 2) Discuss in detail the Muscles of Mastication
- 3) Down Syndrome
- 4) Bleeding Disorders
- 5) Discuss the type I Hypersensitivity reaction in detail. Outline the emergency management protocol for Anaphylaxis in a dental office.
- 6) Classify Non- Steroidal Anti- inflammatory Drugs (NSAIDs) based on their mechanism of action. Discuss the “aspirin triad” and its relevance to dental practice.
- 7) Define Sampling Bias. Explain the differences between Probability and Non-probability sampling
- 8) Saliva and its role in Oral Health
- 9) Discuss the theories of dental caries formation with a specific focus on the role of Streptococcus mutans and the “ ecological Plaque Hypothesis.”
- 10) Discuss the psychological impact of tooth loss in geriatric patients. Explain the “Cognitive Behavioral” approach to managing dental anxiety in elderly individuals.

Q.P. CODE:479-NR/D316011

**DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – SEPTEMBER 2026**

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-I

(Clinical Pedodontics)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Enumerate various endodontic procedures in Deciduous Teeth. Discuss how the treatment differs in young permanent and permanent teeth.
- 2) Discuss the psychosocial theory and its clinical application in pediatric dentistry.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3). Food guide pyramid
- 4) Space regainers
- 5) Early childhood caries
- 6) Child neglect and abuse. Discuss current scenario
- 7) Incipient caries lesion

Q.P. CODE:480-NR/D3126C012

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – SEPTEMBER, 2026

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-II

(Preventive and Community Dentistry as applied to Pediatric Dentistry)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Discuss various measures available for the prevention of Dental caries in Pre-School Children. .
- 2) Discuss dental health problems encountered in institutionalized disabled children and measures to overcome them.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Role of stainless- steel crowns in Oral rehabilitation
- 4) Minimal Invasive Dentistry
- 5) explain factors influencing a school dental health
- 6) Dental home
- 7) Sampling techniques

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DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – SEPTEMBER , 2026

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-III

(Descriptive and Analyzing type Questions)
(New Regulations)

Time: 3 Hours

Max. Marks: 100

WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING WITH LEGIBLE DIAGRAMS
2x50=100

- 1) Enumerate the changing trends in pediatric dentistry emphasizing contemporary restorative materials and techniques.
- 2) Professional hazards in Pedodontics
- 3) Discuss the current concept for caries diagnosis.

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**DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – NOVEMBER, 2025**

SPECIALITY: PAEDIATRIC DENTISTRY

PART – 1

PAPER-I

(Applied Basic Sciences: Applied Anatomy, Physiology, and Biochemistry,
Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics
Growth and Development and Dental plaque, Genetics.)
(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) Degenerative changes of Pulp
- 2) Describe tests for bleeding and clotting time
- 3) Explain buffering mechanism of saliva and its role in dental caries
- 4) Describe Importance of chorda tympani. Add a note on applied aspect
- 5) Explain causes, clinical features and management of dry socket
- 6) Explain Stratified random sampling
- 7) Classify micronutrients and their role in oral health
- 8) Write about oral probiotics and their role in oral health
- 9) Post-natal development of Mandible
- 10) Classify allergic reactions and write in detail about anaphylactic shock and its management

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**DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – NOVEMBER, 2025**

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-I

(Clinical Pedodontics)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Discuss ECC in children with latest trends in its management
- 2) Discuss infection control in Clinical Pediatric Dentistry practice

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Pulp therapies
- 4) Gingival and Periodontal diseases in children
- 5) Behavioral indicators
- 6) Sigmund Freud's Theory
- 7) Sports Dentistry

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DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – NOVEMBER, 2025

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-II

(Preventive and Community Dentistry as applied to Pediatric Dentistry)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Discuss the measures available for the prevention of Dental Caries in Pre-School children.
- 2) Describe the International Caries Detection and Assessment System (ICDAS)

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Diet Diary
- 4) Role of Paedodontist in child abuse and neglect
- 5) Caries susceptibility
- 6) Nano dentistry
- 7) Tooth brush design and its relevance in Oral Hygiene

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DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – NOVEMBER, 2025

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-III

(Descriptive and Analyzing type Questions)
(New Regulations)

Time: 3 Hours

Max. Marks: 100

WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING WITH LEGIBLE DIAGRAMS
2x50=100

- 1) Critical Appraisal of various caries risk assessment methods
- 2) Regenerative procedures in Pediatric Dentistry
- 3) Role of Immunoglobulins in dental caries

Q.P. CODE:481-NR

Dr NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2024
SPECIALITY : PAEDIATRIC DENTISTRY
PART-II
PAPER-III
(Descriptive and analyzing type question)
(*New Regulations*)

Time : 3 Hours

Max. Marks : 100

WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING WITH
LEGIBLE DIAGRAMS

- 1) Write in detail about indications, contraindications and 2x50=100 preparation for receiving esthetic crowns for primary molars
- 2) Classify traumatic injuries according to Ellis and Davey's. Discuss in detail about the treatment modalities for class 3 fracture of 11 of 7 year old child
- 3) Define early childhood caries and discuss etiology and treatment of early childhood caries with relevant studies

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Dr NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8

MDS DEGREE EXAMINATION – OCTOBER, 2024

SPECIALITY: PAEDIATRIC DENTISTRY

PART-II

PAPER-II

(Preventive and Community Dentistry as applied to Paediatric Dentistry)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Define dental plaque. Discuss in detail the present plaque control methods. Explain mechanical plaque control
- 2) Define survey. Discuss steps for obtaining information about prevalence of dental disease

WRITE SHORT ESSAYS ON THE FOLLOWING:

5X10=50

- 3) Test of significance
- 4) Ozone therapy
- 5) Interceptive orthodontics
- 6) Management of child with downs syndrome in dental clinic
- 7) Fluoride varnishes

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Dr NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8

MDS DEGREE EXAMINATION – OCTOBER, 2024

SPECIALITY: PAEDIATRIC DENTISTRY

PART-II

PAPER I

(Clinical Pedodontics)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Discuss various techniques and medicaments used for pulpotomy in primary teeth
- 2) Discuss the role of pediatric dentist in guiding developing malocclusion in children

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Aromatherapy in pediatric dental clinic
- 4) How do you manage a case of primary tooth intrusion following dental trauma
- 5) Tooth preparation for Stainless Steel Crown versus Zirconia Crowns for deciduous teeth
- 6) Application of social learning theory in pediatric dental clinic
- 7) Discuss various therapeutic options for non-vital immature permanent teeth

Q.P. CODE NO.:450-NR

Dr NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8

MDS DEGREE EXAMINATION – OCTOBER, 2024

SPECIALITY : PROSTHODONTICS AND CROWN & BRIDGE

PART-I

PAPER-I

(Applied Basic Sciences: Applied Anatomy, Embryology, Growth and Development Genetics, Immunology, Anthropology, Physiology, Nutrition, Biochemistry, Pathology, Microbiology, Virology, Applied Pharmacology, Research Methodology, Bio statistics, Applied Dental Anatomy and Histology, Oral Pathology & Oral Microbiology, Adult and Geriatric Psychology and Applied Dental Materials)

(New Regulations)

Time : 3 Hours

Max. Marks : 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) Considerations in a diabetic patient while complete denture fabrication
- 2) Age changes in maxilla
- 3) Mandibular movements and various methods to record them
- 4) Stages of wound healing
- 5) Muscles of mastication and their prosthodontic implications
- 6) Gypsum products
- 7) NSAIDs
- 8) Calcium metabolism
- 9) Impression disinfection protocols
- 10) Probability value in Medical Statistics

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**DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2024**

SPECIALITY: PAEDIATRIC DENTISTRY

PART – 1

PAPER-I

(Applied Basic Sciences: Applied Anatomy, Physiology, and Biochemistry,
Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics
Growth and Development and Dental plaque, Genetics.)
(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) Applied anatomy of the upper lip and palate.
- 2) Source, requirement and functions of Vitamin D.
- 3) Glycolysis.
- 4) Amelogenesis Imperfecta
- 5) Microbiological risk factors in Early childhood caries.
- 6) Inhalation Sedation
- 7) Tooth Numbering System
- 8) Measures of variance
- 9) Growth concepts and Scammon's growth curve
- 10) Degenerative changes in Dental pulp

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**DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2024**

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-I

**(Clinical Pedodontics)
(New Regulations)**

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Discuss various treatment options for necrotic and periapically infected young permanent teeth.
- 2) Define and classify Oral habits. Write in detail about Lip Biting habit and treatment options.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Role of Pedodontist in Forensic Odontology
- 4) Compare various obturating materials for primary teeth
- 5) Newer techniques of LA and pain control
- 6) Parameter of growth assessment
- 7) Role of pedodontist in Cleft Palate rehabilitation

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DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2024

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-II

(Preventive and Community Dentistry as applied to Pediatric Dentistry)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Critically evaluate various clinical trials conducted using Duraphat, Amine fluoride and Sodium monofluorophosphate. Tabulate the results of the studies.
- 2) Discuss the drawbacks of existing dental caries indices and newer concepts of the same with review of literature.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Incremental Dental Care
- 4) Development of emotions in Children
- 5) Pathfinder survey
- 6) Preventive Resin Restorations
- 7) Sugar substitutes

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DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2024

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II
PAPER-III
(Descriptive and Analyzing type Questions)
(New Regulations)

Time: 3 Hours

Max. Marks: 100

**WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING WITH LEGIBLE
DIAGRAMS** **2x50=100**

- 1) Minimal Intervention Dentistry
- 2) Management of space in Developing Dentition
- 3) Recent advances in Dental Caries Diagnosis

DR. YSR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8

MDS DEGREE INTERNAL ASSESSMENT EXAMINATION – DECEMBER, 2023

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PART-II PAPER-III

(ESSAY)
(New Regulations)

Time : 3 Hours

Max. Marks : 100

WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING
WITH LEGIBLE DIAGRAMS

- 1) Critically analyze the use of topical fluorides in caries control 2x50=100
- 2) Emergencies in pediatric dentistry
- 3) pediatric endodontics – controversies and recent concepts

Q.P. CODE NO.:478-NR

DR. Y.S.R. UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8

MDS DEGREE EXAMINATION – NOVEMBER, 2023

SPECIALITY : PAEDIATRIC DENTISTRY

PART-I

PAPER-I

(Applied Basic Sciences : Applied Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology, Biostatistics Growth and Development, Dental plaque and Genetics.)

(New Regulations)

Time : 3 Hours

Max. Marks : 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) Functional anatomy of the Temporomandibular joint.
- 2) Clotting Cascade.
- 3) Muscles of Mastication
- 4) Congenital anomalies of the oral cavity.
- 5) Caries activity tests.
- 6) Sedatives in Paediatric Dentistry.
- 7) Randomized Control Trial.
- 8) Interpretation of p value and confidence level.
- 9) Gum pads and development of deciduous dentition.
- 10) Microscopic structure and physiological properties of dental plaque.

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Dr.YSR University of Health Sciences:AP:: Vijayawada – 520 008

MDS DEGREE EXAMINATION – NOVEMBER, 2023

SPECIALITY: PAEDIATRIC DENTISTRY

PART-II

PAPER I

(Clinical Pedodontics)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Explain in detail Ericson's theory of psychological development and its application in clinical pediatric dentistry practice.
- 2) Describe in detail the management of luxation injuries to primary and permanent anterior teeth.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Explain clinical features and management of Aphthous ulcers.
- 4) Mumps and its management
- 5) Bio-dentine
- 6) Down's Syndrome
- 7) Sodium hypochlorite

Q.P. CODE:480-NR

DR. Y.S.R. UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8

MDS DEGREE EXAMINATION – NOVEMBER, 2023

SPECIALITY: PAEDIATRIC DENTISTRY

PART-II

PAPER-II

(Preventive and Community Dentistry as applied to Paediatric Dentistry)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Discuss in detail the steps involved in planning and implementation of a preventive school dental health program.
- 2) Define fluoride toxicity. Explain the etiology, clinical features and management of fluoride toxicity.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5X10=50

- 3) Anticipatory guidance
- 4) Caries activity tests
- 5) Dean's Index
- 6) Cohort study
- 7) Dental Home

Q.P. CODE:481-NR

Dr. YSR University of Health Sciences::AP::Vijayawada-520 008
MDS DEGREE EXAMINATION – NOVEMBER, 2023
SPECIALITY : PAEDIATRIC DENTISTRY
PART-II
PAPER-III
(Descriptive and analyzing type question)
(*New Regulations*)

Time : 3 Hours

Max. Marks : 100

WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING
WITH LEGIBLE DIAGRAMS

- 1) Paediatric Endodontics. 2x50=100
- 2) Lasers in Paediatric Dentistry.
- 3) Oral manifestations of systemic diseases in children and their management.

Q.P. CODE:478-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2023**

SPECIALITY: PAEDIATRIC DENTISTRY

PART – 1

PAPER-I

(Applied Basic Sciences: Applied Anatomy, Physiology, and Biochemistry,
Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics
Growth and Development and Dental plaque, Genetics.)
(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) Development of mandible
- 2) Anatomy of Temporomandibular joint and its significance
- 3) Measures of central tendency
- 4) Calcium and Vitamin D
- 5) Microbial colonization from birth through Adolescence
- 6) Discuss the role of saliva in maintaining oral health
- 7) Development of occlusion from 3 to 13 years
- 8) Infection control in Pedodontics
- 9) Mechanism of tooth eruption and its applied aspects
- 10) Cells of the neural crest

Q.P. CODE:479-NR

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2023

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-I

(Clinical Pedodontics)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Define Fear, Anxiety and Phobia. Discuss their management in Pediatric Practice.
- 2) Discuss Conscious sedation. Discuss in detail its use in management of children.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Quadrant dentistry
- 4) Adenoid facies
- 5) Apexification
- 6) Role of Pedodontist in cleft palate rehabilitation
- 7) Mineral Trioxide Aggregate

Q.P. CODE: 480-NR

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2023

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II
PAPER-II

(Preventive and Community Dentistry as applied to Pediatric Dentistry)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Define early childhood caries. Describe the etiology and management of severe early childhood caries.
- 2) Enumerate the mechanism of protective action of Fluoride against dental caries.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Ethical considerations in clinical research
- 4) Plaque hypothesis.
- 5) Role of Pedodontist in child abuse and neglect
- 6) Halo effect and Defluoridation.
- 7) Enamel hypoplasia.

Q.P. CODE: 481-NR

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2023

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-III

(Descriptive and Analyzing type Questions)
(New Regulations)

Time: 3 Hours

Max. Marks: 100

**WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING WITH LEGIBLE
DIAGRAMS** **2x50=100**

- 1) Current trends in dental caries prevalence globally and its impact on Pediatric practice management.
- 2) Glass ionomer cement and recent advances
- 3) Implants in Pediatric Dentistry.

Q.P. CODE:478-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2022**

SPECIALITY: PAEDIATRIC DENTISTRY

PART – 1

PAPER-I

(Applied Basic Sciences: Applied Anatomy, Physiology, and Biochemistry,
Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics
Growth and Development and Dental plaque, Genetics.)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) What is differential growth? Describe scammons curves for growth
- 2) Nerve supply of palate
- 3) Parametric and Nonparametric tests
- 4) Name and explain eating disorders
- 5) Biopsy and various techniques
- 6) Healing of extraction wounds
- Different technologies in intra oral radiography
- 8) Muscles of Mastication
- 9) Referred pain
- 10) Inflammation

Q.P. CODE:479-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2022**

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-I

(Clinical Pedodontics)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Discuss the role of space management in development of Normal Occlusion.
- 2) Explain in detail techniques and materials used for obturation of primary teeth.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Mid line diastema and its management.
- 4) Correction of Anterior Crossbite
- 5) Explain storage medium for avulsed teeth.
- 6) Radiographic survey.
- 7) Inhalation Sedation.

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DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2022

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-II

(Preventive and Community Dentistry as applied to Pediatric Dentistry)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Define behavior management and discuss in detail any three behavior management techniques
- 2) Enumerate theories of Child Psychology. Write in detail about Cognitive theory.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Explain step by step management procedure for Rampant caries
- 4) Explain the concept of infant oral health care
- 5) Preventive resin restorations
- 6) Tests of significance
- 7) Caries Vaccine

Q.P. CODE:481-NR

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2022

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II
PAPER-III
(Descriptive and Analyzing type Questions)
(New Regulations)

Time: 3 Hours

Max. Marks: 100

**WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING WITH LEGIBLE
DIAGRAMS** **2x50=100**

- 1) Discuss in detail about recent concepts about direct and indirect pulp capping
- 2) Conscious sedation
- 3) Recent advances in prevention of dental caries

Q.P. CODE:478-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2022**

SPECIALITY: PAEDIATRIC DENTISTRY

PART – 1

PAPER-I

(Applied Basic Sciences: Applied Anatomy, Physiology, and Biochemistry,
Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics
Growth and Development and Dental plaque, Genetics.)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) Give an outline about anatomy, components of Temporomandibular Joint (TMJ)
- 2) Growth spurts in pedodontics. Critically evaluate theories of growth
- 3) Give outline on physiology of coagulation of blood. What are the bleeding disorders seen in pediatric patients and how to do dental management in such conditions.
- 4) Give outline on drug dosage in children.
- 5) Stem cells and application in pediatric dentistry. Recent advances in research.
- 6) Give an outline on vascular events of inflammation. Write the mechanism of post extraction healing of socket.
- 7) write about microbiological components of plaque microflora. Write about probiotics and oral health.
- 8) What are the tests of significance. Write about incremental healthcare.
- 9) Write about role of genetics in dental anomalies and rationale of genetic counselling.
- 10) What is monoclonal antibody. Write about trace elements associated with dental caries.

Q.P. CODE:479-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2022**

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-I

(Clinical Pedodontics)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Define habit. Describe the effects of thumb sucking and its management
- 2) Discuss in detail emergencies in pediatric dental practice

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Pulpotomy
- 4) Root fracture
- 5) Serial extraction
- 6) Mixed dentition analysis
- 7) Fundamentals of management of a retarded child

Q.P. CODE:480-NR

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2022

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-II

(Preventive and Community Dentistry as applied to Pediatric Dentistry)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Define Interceptive orthodontics. secondary preventive measure Discuss it as a secondary preventive measure.
- 2) Define water fluoridation. Enumerate water fluoridation studies. What are the advantages and disadvantages of water fluoridation.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) School dental education programs
- 4) Caries risk assessment
- 5) Sugar substitutes
- 6) Nutrition and dental health
- 7) Non-conventional methods of caries detection

Q.P. CODE:481-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2022**

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-III

**(Descriptive and Analyzing type Questions)
(New Regulations)**

Time: 3 Hours

Max. Marks: 100

**WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING WITH LEGIBLE
DIAGRAMS**

2x50=100

- 1) Early orthodontic treatment - concepts and controversies
- 2) Regenerative endodontics
- 3) Stem cells in pediatric dentistry

Q.P. CODE:478-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – DECEMBER, 2021**

SPECIALITY: PAEDIATRIC DENTISTRY

**PART – 1
PAPER-I**

(Applied Basic Sciences: Applied Anatomy, Physiology, and Biochemistry,
Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics
Growth and Development and Dental plaque, Genetics.)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) TMJ (Temporomandibular joint)
- 2) Anemia
- 3) Oral Microflora)
- 4) Sialolithiasis
- 5) Blood Supply of Tongue
- 6) Tooth Fusion
- 7) Cleft Lip
- 8) Genetic basis of dental caries
- 9) Cardiac Output
- 10) Growth spurts

Q.P. CODE:479-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – DECEMBER , 2021**

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-I

(Clinical Pedodontics)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Define Fear, Anxiety , and Phobia. Discuss their management in Pediatric Practice.
- 2) Discuss Conscious Sedation. Discuss in detail its use in management of children

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Quadrant dentistry
- 4) Adenoid facies
- 5) Apexification
- 6) Management of cross- bites
- 7) Space maintainers

Q.P. CODE:479-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – DECEMBER , 2021**

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-II

(Preventive and community Dentistry as applied to Paediatric Dentistry)
Time: 3 Hours Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Define early childhood caries. Describe the etiology and management of severe early childhood caries..
- 2) Enumerate the mechanism of protective action of Fluoride against dental caries.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Pit and Fissure sealants
- 4) Plaque hypothesis
- 5) Professionally administered Topical fluoride
- 6) Halo effect and defluoridation
- 7) Enamel hypoplasia

Q.P. CODE:481-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-8
MDS DEGREE EXAMINATION – DECEMBER, 2021**

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II

PAPER-III

**(Descriptive and Analyzing type Questions)
(New Regulations)**

Time: 3 Hours

Max. Marks: 100

**WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING WITH LEGIBLE
DIAGRAMS**

2x50=100

- 1) Current trends in dental caries prevalence globally and its impact on Pediatric practice management
- 2) recent advances in glass ionomer cement
- 3) Implants in pediatric Dentistry s

Q.P. CODE:478-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – JULY, 2021**

SPECIALITY: PAEDIATRIC DENTISTRY

**PART – 1
PAPER-I**

(Applied Basic Sciences: Applied Anatomy, Physiology, and Biochemistry,
Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics
Growth and Development and Dental plaque, Genetics.)

(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) Growth pattern in Mandible
- 2) Hemophilia
- 3) Development of palate
- 4) Vitamin D and calcium haemostasis
- 5) Balanced diet
- 6) Tooth Numbering System
- 7) Facial Nerve
- 8) Immunity through Saliva
- 9) Drug abuse in pediatric dental practice
- 10) Sensation of Taste

Q.P. CODE:478-NR

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – JULY, 2021

SPECIALITY: PAEDIATRIC DENTISTRY

PART – II
PAPER-I
(Clinical Pedodontics)
(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Classify children with special health care needs. Explain in detail recent concepts in etiology and management of Autistic children
- 2) Discuss various medicaments used and techniques of pulpotomy in primary teeth

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Mechanisms involved in the transition of mixed dentition into a normal permanent dentition
- 4) Fear and anxiety assessment in children
- 5) Isolation in pediatric operative dentistry
- 6) Management of an avulsed permanent central incisor
- 7) Physical abuse and role of a pedodontist

Q.P. CODE:478-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – JULY, 2021**

SPECIALITY: PAEDIATRIC DENTISTRY

**PART – II
PAPER-II**

(Preventive and Community Dentistry as applied to Paediatric Dentistry)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x25=50

- 1) Classify the levels of rendering preventive services. Enumerate the preventive measures taken to combat dental caries
- 2} Discuss Fluorides

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x10=50

- 3) Plaque control measures in Pediatric dentistry
- 4) Caries activity tests
- 5) Epidemiology of dental caries
- 6) Cohort control studies
- 7) Preventive resin restorations

Q.P. CODE:478-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – JULY, 2021**

SPECIALITY: PAEDIATRIC DENTISTRY

**PART – II
PAPER-III
(Descriptive and Analyzing type Questions)
(New Regulations)**

Time: 3 Hours

Max. Marks: 100

**WRITE ANY TWO LONG ESSAYS OF THE FOLLOWING WITH LEGIBLE
DIAGRAMS** **2x50=100**

- 1) Evolution in the diagnosis of dental caries
- 2) Nanotechnology in pediatric dentistry
- 3) Current status of caries vaccine

Q.P. CODE:478-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – DECEMBER, 2020**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PART – 1

**(Basic Sciences)
(New Regulations)**

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) Calcium metabolism
- 2) Anodontia
- 3) Anomalies of tongue
- 4) Cariogram
- 5) Blood dyscrasias
- 6) Nasoalveolar Molding
- 7) Diet counseling
- 8) Mandibular Nerve
- 9) Tissue Engineering.
- 10) Cap stage

Q.P. CODE:478

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – DECEMBER, 2020**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-I

(Basic Sciences)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING: 2x20=40

- 1) Discuss composition and function of Saliva in Humans. What is its clinical significance In Pediatric Dentistry.
- 2) Discuss development of Palate and its clinical importance.

WRITE SHORT ESSAYS ON THE FOLLOWING: 5x7=35

- 3) Pathophysiology of periodontal diseases in children
- 4) Sucrose
- 5) Active Immunity
- 6) Bio medical waste
- 7) Eruption of teeth

Q.P. CODE:478

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – DECEMBER, 2020**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-II

(Clinical Pediatric Dentistry)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING: 2x20=40

- 1) Discuss painless dentistry as applied to Pediatric Dentistry .
- 2) Discuss dental trauma in children

WRITE SHORT ESSAYS ON THE FOLLOWING: 5x7=35

- 3) MTA
- 4) Interceptive orthodontics
- 5) Diet counseling
- 6) Scope of pediatric dentistry
- 7) Lasers in Pediatric Dentistry

Q.P. CODE:478

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – DECEMBER, 2020**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-III

(Preventive and community Dentistry as applied to pediatric Dentistry)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) School dental health programmes .
- 2) Discuss various behavior modification techniques for child management in dental office

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Mobile dental van
- 4) Mouth guards
- 5) Ethical consideration in clinical research
- 6) Role of vaccines in prevention of dental caries.
- 7) Screening of oral habits

Q.P. CODE:481

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – DECEMBER, 2020**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-IV

(ESSAY))

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

**WRITE LONG ESSAYS ON ONE OF THE FOLLOWING WITH LEGIBLE
DIAGRAMS**

1) Latest concepts in pediatric endodontics

OR

2) Professional hazards in paedodontics

Q.P. CODE:478-NR

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – SEPTEMBER, 2020

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PART - 1

(Basic Sciences)
(New Regulations)

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING: 10x10=100

- 1) Explain course of Inferior alveolar nerve. Add a note on applied anatomy.
- 2) Role of Immunoglobulin in dental caries
- 3) Explain the vascular events of inflammation
- 4) Streptococcus mutans
- 5) Delayed hypersensitivity
- 6) Analgesics for the pediatric dental patient
- 7) Describe the compensatory physiological mechanisms following moderate blood loss
- 8) Factors controlling the secretion and regulation of saliva
- 9) Gene mapping
- 10) Sampling

Q.P. CODE:478

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – AUGUST, 2020**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-I

(Basic Sciences)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING: 2x20=40

- 1) Describe the development of tongue and discuss the various anomalies of tongue development.
- 2) Discuss in detail the origin, course, relations and branches of Mandibular nerve. Add a note on its clinical implications.

WRITE SHORT ESSAYS ON THE FOLLOWING: 5x7=35

- 3) Down syndrome
- 4) Stem cells
- 5) Classify antibiotics. Describe the method of calculation of drug dosage.
- 6) Syncope
- 7) Wound healing

Q.P. CODE:478

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – AUGUST, 2020**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-II

(Clinical Pediatric Dentistry)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Critically evaluate, discuss and review steps in designs of tooth preparations and placement of stainless steel crown restoration (with Diagrams).
- 2) Explain in detail principles and concepts of minimally invasive dentistry. Add a note on future strategies for the same.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Giomers
- 4) Frenectomy
- 5) Matrix Bands
- 6) Classify dentine bonding agents
- 7) Management of intrusion and extrusion injuries

Q.P. CODE:480

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – AUGUST, 2020**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-III

(Preventive and community Dentistry as applied to Pediatric Dentistry)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss the various epidemiological methods of investigating oral health status of children
- 2) Explain role of topical fluorides in caries prevention .

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3 Types of sampling
- 4) Sugar substitutes
- 5) Behavior shaping
- 6) Pit and fissure sealants
- 7) Band and loop space maintainer

Q.P. CODE:481

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – AUGUST, 2020**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-IV

(ESSAY))

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

**WRITE LONG ESSAYS ON ONE OF THE FOLLOWING WITH LEGIBLE
DIAGRAMS**

1) Systemic conditions- Oral manifestations and their management in Children

OR

2) Regenerative Endodontics

Q.P. CODE:478-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2019**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PART - 1

**(Basic Sciences)
(New Regulations)**

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) Muscles of mastication.
- 2) Discuss the mechanism of tooth eruption. Add a note on it's applied aspects.
- 3) Clinical importance of platelet count.
- 4) Maxillary nerve.
- 5) Hypothyroidism.
- 6) Regulation of body temperature.
- 7) Penicillin allergy and its alternatives.
- 8) Tests of significance.
- 9) Explain the mechanism of coagulation.
- 10) Oral microflora.

Q.P. CODE:478

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2019**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-I

(Basic Sciences)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING: 2x20=40

- 1) Describe in detail the prenatal and post natal development of mandible and add a note on functional matrix theory.
- 2) Describe the normal clotting mechanism and discuss about various bleeding and clotting disorders seen in children.

WRITE SHORT ESSAYS ON THE FOLLOWING: 5x7=35

- 3) Role of Immunoglobulin
- 4) Oro facial pain pathways
- 5) Mechanism of plaque formation
- 6) Inferior alveolar nerve
- 7) Oral microflora

Q.P. CODE:479

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2019**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-II

(Clinical Pediatric Dentistry)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING: 2x20=40

- 1) Define and classify oral habits. Discuss in detail thumb sucking habit and its age wise management .
- 2) Discuss in detail controversies on pulpotomy medicaments .

WRITE SHORT ESSAYS ON THE FOLLOWING: 5x7=35

- 3) Role of premedication in pediatric patients
- 4) ICDAS caries detection tool
- 5) Dental care for child with AIDS
- 6) Tooth colored restorative materials for Primary teeth
- 7) Epilepsy and its management in pediatric dental clinic

Q.P. CODE:480

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2019**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-III

(Preventive and community dentistry as applied to Pediatric Dentistry)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss in detail the psychosocial theory of Eric Erikson and its clinical applicability in Indian Children .
- 2) Discuss observational and interventional studies on the role of diet in dental caries. .

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Preventive resin restorations
- 4) ANOVA
- 5) Ozone therapy
- 6) Caries vaccine
- 7) Demineralization Vs. Demineralization

Q.P. CODE:481

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER , 2019**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-IV

(ESSAY))

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

**WRITE LONG ESSAYS ON ONE OF THE FOLLOWING WITH LEGIBLE
DIAGRAMS**

1) Space management in development of normal occlusion

OR

2) MID

Q.P. CODE:478-NR

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2019**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PART - 1

**(Basic Sciences)
(New Regulations)**

Time: 3 Hours

Max. Marks: 100

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE SHORT ESSAYS ON THE FOLLOWING:

10x10=100

- 1) Explain factors influencing wound healing.
- 2) Bias in sampling.
- 3) Explain prenatal and postnatal development of mandible.
- 4) Ectodermal dysplasia.
- 5) Enumerate the effects of diet deficient in Calcium and Vitamin D on oral tissues.
- 6) Explain pathophysiology of Syncope.
- 7) Trisomy 21.
- 8) What is Saliva and its composition? Explain formation and functions of saliva.
- 9) Recent prophylactic regime for bacterial endocarditis.
- 10) Explain functional matrix theory.

Q.P. CODE:478

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2019**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-I

(Basic Sciences)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING: 2x20=40

- 1) Discuss in detail the components of immune system in relation to immunodeficiency diseases seen in children.
- 2) Describe the origin, course and distribution of Mandibular nerve and discuss on applied anatomy.

WRITE SHORT ESSAYS ON THE FOLLOWING: 5x7=35

- 3) The facial muscles
- 4) Write briefly on Anesthetic drugs used in Pediatric dentistry
- 5) Diet, Nutrition and Dental Caries
- 6) Viral infections and their management
- 7) Write on maintenance of acid base balance in the body

Q.P. CODE:478

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2019**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-II

(Clinical Pediatric Dentistry)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) How will you initiate and complete radiographic survey in children? Discuss the indicated technique depending on age of the child and caries risk with optimum number of X-ray films .
- 2) Define mental retardation. Write briefly on the role of IQ in patient assessment. Discuss the management of mentally retarded patients in dental office. .

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Gingivectomy and its consideration in children and adolescent
- 4) Role of pedodontist in cleft palate rehabilitation
- 5) Root canal irrigants
- 6) Enumerate various pulp testing methods. Add a note on recent advances.
- 7) Discuss transport medium for exarticulated teeth

Q.P. CODE:480

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2019**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-III

(Preventive and community Dentistry as applied to Pediatric Dentistry)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Elucidate the safety aspects of Water Fluoridation, Fluoride Dentifrices and Fluoride Mouth rinses and evaluate the facts with studies .
- 2) Discuss the various epidemiological methods of investigating oral health status of children.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Incremental Dental Care
- 4) Cohort case control study
- 5) Temper Tantrum
- 6) Explain Stimulus Generalization and Experimental Extinction
- 7) Write briefly on measures you will suggest to prevent malocclusion in young children.

Q.P. CODE:481

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY , 2019**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-IV

(ESSAY))

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

**WRITE LONG ESSAYS ON ONE OF THE FOLLOWING WITH LEGIBLE
DIAGRAMS**

1) Methodology and importance of behavior rating scales in the operatory with recent advances in behavioral therapeutics

OR

2) Lasers in Pediatric Dentistry

Q.P. CODE:478

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2018**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-I

(Basic Sciences)
(New Regulations)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Describe the development of tongue and discuss the various anomalies of the tongue
- 2) Describe the compensatory physiological mechanisms following moderate blood loss..

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Pain Pathway
- 4) Stem cells
- 5) Classify antibiotics. Describe the method of calculation of drugs dosage
- 6) Enumerate the steps in CRP in a Child
- 7) Wound healing

Q.P. CODE:478

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2018**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-II

**(Clinical Pediatric Dentistry)
(New Regulations)**

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss the criteria of sample selection for a clinical trial conducted to evaluate the efficacy of fluoride dentifrices.
- 2) Discuss about various obturation techniques and obturating materials with studies in a primary tooth ..

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Radiographic recommendations in children
- 4) Rationalize the substitute for amalgam
- 5) Reactions of a tooth following traumatic injury
- 6) Acute gingival infections in children
- 7) Viral Hepatitis

Q.P. CODE:480

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER, 2018**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-III

(Preventive and community Dentistry as applied to Pediatric Dentistry)
(*New Regulations*)

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) What is dietary counseling ? Give step by step procedures of nutritional counseling in rampant caries patients.
- 2) Discuss the changing trends of parental attitudes and behavior with reference to the psychological effect on child development. What is your role as a Pedodontist? ..

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Caries vaccine
- 4) Fluoride Varnishes
- 5) ART
- 6) Health Education for School Children
- 7) Tooth brush desing- its relevance in oral hygiene

Q.P. CODE:481

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – OCTOBER , 2018**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-IV

(ESSAY))

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

**WRITE LONG ESSAYS ON ONE OF THE FOLLOWING WITH LEGIBLE
DIAGRAMS**

1) Discuss various School Dental Health programmes and the preparation of a module for School Dental Health delivery programme in your city

OR

2) Minimal Intervention Dentistry

Q.P. CODE:478

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2018**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-I

**(Basic Sciences)
(New Regulations)**

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Write an essay on the genetic basis of diseases.
Elaborate on Polygenic inheritance.
- 2) Discuss Thyroid hormones. Explain the control of thyroid hormone secretion.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Enamel Organ
- 4) Culture Media
- 5) Circle of Willis
- 6) Clotting cascade
- 7) Down's Syndrome

Q.P. CODE:480

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2018**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-III

**(Preventive and Community Dentistry as applied to Paediatric Dentistry)
(New Regulations)**

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss in detail the Caries Activity Tests.
- 2) Discuss the importance and significance of anticipatory guidance and Dental home as primary preventive measures.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Levels of prevention
- 4) Shoe Leather Survey
- 5) Estimation of Fluoride concentration in drinking water
- 6) Age specific Oral Hygiene Measures
- 7) Tattle Tooth Programme

P. CODE:481

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2018**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-IV

(ESSAY)

(New Regulations)

Time: 3 Hours

Max. Marks: 75

WRITE LONG ESSAY ON ONE OF THE FOLLOWING WITH
LEGIBLE DIAGRAMS

1) Pediatric Endodontics

OR

2) Write an essay on the principles and practice of ART.

Q.P. CODE:479

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – MAY, 2018**

SPECIALITY: PAEDIATRIC & PREVENTIVE DENTISTRY

**PAPER-II
(Clinical Pediatric Dentistry)
(New Regulations)**

Time: 3 Hours

Max. Marks: 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss in detail the management of child during first visit to dental clinic, its importance and practical considerations.
- 2) Define and classify deleterious oral habits. Discuss the management of a child with thumb sucking.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Summarize the differences between periodontium of primary and permanent dentition
- 4) Child abuse
- 5) Object localization procedures
- 6) Kernahan and Stark classification of Cleft Lip and Palate
- 7) Strip Crowns

Q.P. CODE:478

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION –NOVEMBER, 2017**

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-I

*(Basic Sciences)
(New Regulations)*

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss Hemostatic control mechanisms and write a note on Disseminated Intravascular coagulation
- 2) Write an essay on Calcium metabolism

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Prenatal development of Hard and Soft palate
- 4) Varicella Zoster
- 5) Innervation of Maxilla
- 6) Cell mediated immunity
- 7) Mendelian inheritance

Q.P. CODE:481

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – NOVEMBER, 2017**

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-IV

(ESSAY)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

WRITE LONG ESSAY ON ONE OF THE FOLLOWING WITH
LEGIBLE DIAGRAMS

- 1) Critically evaluate Freud's psychosexual theory and Erikson's psychosocial theory

OR

- 2) Enumerate different methods used in diagnosis of dental caries.
Write briefly about recent developments.

- - -

Q.P. CODE:480

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – NOVEMBER, 2017**

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-III

**(Preventive and Community Dentistry as applied to Paediatric Dentistry)
(New Regulations)**

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss the role of Plaque bacteria in the etiology of dental diseases. Comment on the current view on plaque as etiologic factor for dental caries.
- 2) Enumerate the mechanism of protective action of fluoride against dental caries. Discuss the current best evidence on the same.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Interceptive orthodontics as a secondary preventive measure
- 4) Dental home
- 5) School dental education programmes
- 6) Role of vaccines in prevention of dental caries
- 7) Brushing techniques

Q.P. CODE:479

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – NOVEMBER, 2017**

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

**PAPER-II
(Clinical Pediatric Dentistry)
(New Regulations)**

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Write a note on childhood autism. Describe the role of pharmacological management techniques in management of children with special needs
- 2) Classify space maintainers. Enumerate their indications and contraindications. Discuss Lingual arch space maintainer.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Pre Surgical cleft orthopedics
- 4) Bite marks
- 5) Early and late mesial shift
- 6) Hemophilia and its pediatric significance
- 7) Stainless steel crowns

Q.P. CODE:478

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION –JUNE, 2017**

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-I

**(Basic Sciences)
(New Regulations)**

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Describe development of tooth. Account the way the morphology of tooth is determined.
- 2) Discuss the pathways of pulp in deciduous teeth and how it affects the endodontic treatment in the same.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Describe the origin, course, relation and distribution of inferior alveolar nerve. Add a note on applied aspect.
- 4) What is a cyst? How will you diagnose and manage a dentigerous cyst?
- 5) Describe gross and microscopic structure of enamel and dentin in primary tooth.
- 6) What is ganglion? Explain in detail about pterygopalatine ganglion.
- 7) Explain regulation of body temperature.

Q.P. CODE:480

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – JUNE, 2017**

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-III

**(Preventive and Community Dentistry as applied to Paediatric Dentistry)
(New Regulations)**

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Describe the concept of “minimal intervention”, principles of minimal intervention and write in detail about cavity design modification for the same.

- 2) Discuss the role of pedodontist in sports dentistry

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Parent counseling
- 4) Dean's index
- 5) Separation – individuation theory
- 6) Chi square test
- 7) Ethics in dental research

.P. CODE:481

75

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – JUNE, 2017

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-IV

(ESSAY)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

WRITE LONG ESSAY ON ONE OF THE FOLLOWING WITH
LEGIBLE DIAGRAMS

1) Management of Space in developing dentition

OR

2) Recent advances in Pediatric Dental Trauma.

Q.P. CODE:479

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – JUNE, 2017

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-II
(Clinical Pediatric Dentistry)
(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Define and classify oral habits. Discuss in detail about mouth breathing habit.
- 2) Define emotion. Discuss the development of emotions from birth to adolescence.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Caries risk assessment
- 4) Behaviour modification
- 5) Explain Pain pathway of pulp
- 6) Current concept of revascularization
- 7) Root canal obturating materials of deciduous teeth

478-IA

DR. NTR UNIVERSITY OF HEALTH SCIENCES;;AP;;VIJAYAWADA-520 008

MDS DEGREE INTERNAL ASSESSMENT EXAMINATION – JUNE, 2016

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-I
(Basic Sciences)
(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Describe in detail the prenatal and post natal development of mandible and add a note on functional matrix theory .
- 2) Describe the normal clotting mechanism and discuss about various bleeding and clotting disorders seen in children .

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Immunoglobulins
- 4) Regulation of body temperature
- 5) Scurvy
- 6) Oral microflora
- 7) NSAIDS

DR. NTR UNIVERSITY OF HEALTH SCIENCES;;AP;;VIJAYAWADA-520 008

MDS DEGREE INTERNAL ASSESSMENT EXAMINATION – JUNE, 2016

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-II
(Clinical Pediatric Dentistry)
(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss the principles of examination in a child with trauma. Describe the recent advances in management of traumatized anterior teeth .
- 2) Enumerate deleterious oral habits in children. Discuss the aetiology, clinical features and management of Mouth Breathing .

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Cephalometrics in Pedodontics
- 4) Mineral trioxide Aggregate
- 5) Clinical importance of Young permanent tooth
- 6) Revascularization
- 7) Cross bite and its management

DR. NTR UNIVERSITY OF HEALTH SCIENCES;;AP;;VIJAYAWADA-520 008

MDS DEGREE INTERNAL ASSESSMENT EXAMINATION – JUNE, 2016

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-III

**(Preventive and Community Dentistry as applied to Pediatric Dentistry)
(New Regulations)**

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Define and classify the special children. Describe in detail the general outline of managing these children.
- 2) Management of Avulsed permanent incisor- write in detail change concepts present strategies and note on future directions .

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Incremental Dental Care
- 4) Recent prophylactic regime for bacterial endocarditis
- 5) Acidulate phosphate fluoride
- 6) Caries vaccine
- 7) Cohort study

**DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – JUNE, 2017**

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-IV

(ESSAY)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

WRITE LONG ESSAY ON ONE OF THE FOLLOWING WITH
LEGIBLE DIAGRAMS

- 1) Minimal Invasive Dentistry
- OR
- 2) Systemic conditions- its oral manifestations and their management in children,.

DR. NTR UNIVERSITY OF HEALTH SCIENCES;;AP;;VIJAYAWADA-520 008

MDS DEGREE INTERNAL ASSESSMENT EXAMINATION – JUNE, 2015

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-I
(Basic Sciences)
(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss in detail the age related growth and development in maxilla and mandible. Enumerate its clinical significance in pediatric dentistry.
- 2) Discuss in detail primary and secondary hemostasis. Add a note on the measures available to control bleeding after tooth extraction.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Nerve supply to maxillary dentition
- 4) Pedigree and its importance
- 5) Balanced diet – significance in pediatric dentistry
- 6) Calcium metabolism
- 7) Necrosis – dental pulp

Dr. NTR University of Health Sciences;;AP;;Vijayawada-520 008

MDS DEGREE INTERNAL ASSESSMENT EXAMINATION – JUNE, 2015

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-III

**(Preventive and Community Dentistry as applied to Paediatric Dentistry)
(New Regulations)**

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss the psychoanalytical theory and its applications in Pediatric Dentistry.
- 2) Discuss dental health problems encountered in institutionalized disabled children and measures to overcome them.

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Test of significance
- 4) Preventive resin restoration
- 5) Preventive measures to HIV positive children
- 6) Caries Management By Risk Assessment (CAMBRA)
- 7) How to report Child Abuse?

DR. NTR UNIVERSITY OF HEALTH SCIENCES;;AP;;VIJAYAWADA-520 008

MDS DEGREE INTERNAL ASSESSMENT EXAMINATION – APRIL , 2015

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-I
(Basic Sciences)
(*New Regulations*)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) How is Vitamin D Formed and activated in the body? How does it regulate body calcium levels? Write a note on Hyper and Hypovitaminosis D in a growing child
- 2) Define growth and development. Describe in detail the prenatal and postnatal development of Mandible .

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Defense mechanism of Saliva
- 4) Focal Sepsis
- 5) Skeletal age
- 6) Window of infectivity
- 7) Viral infections in children

479-IA

DR. NTR UNIVERSITY OF HEALTH SCIENCES;;AP;;VIJAYAWADA-520 008

MDS DEGREE INTERNAL ASSESSMENT EXAMINATION – APRIL , 2015

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-II

(Clinical Pediatric Dentistry)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Define ECC, describe in detail the clinical features, diagnosis and management of the same .
- 2) Diagnosis of pulp diseases and their management with advanced techniques and materials .

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Management of tongue thrusting habit
- 4) Recent advances in glass ionomer cements
- 5) Space Regainers
- 6) Management of extraction in Hemophilic individual
- 7) Natal and Neonatal teeth

480-IA

DR. NTR UNIVERSITY OF HEALTH SCIENCES;;AP;;VIJAYAWADA-520 008

MDS DEGREE INTERNAL ASSESSMENT EXAMINATION – APRIL , 2015

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-III

(Preventive and Community Dentistry as applied to Pediatric Dentistry)
(*New Regulations*)

Time : 3 Hours

Max. Marks : 75

ANSWER ALL QUESTIONS WITH LEGIBLE DIAGRAMS

WRITE LONG ESSAYS ON THE FOLLOWING:

2x20=40

- 1) Discuss various strategies to prevent malocclusion in children from toddler stage to adolescent stage
- 2) Describe the comprehensive programme for infant oral health care in India

WRITE SHORT ESSAYS ON THE FOLLOWING:

5x7=35

- 3) Tooth brush design- its relevance in oral hygiene
- 4) Def index
- 5) Tests of significance
- 6) Pit and fissure sealants
- 7) Fluoride dentifrices

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-8
MDS DEGREE EXAMINATION – APRIL 2015

SPECIALITY : PAEDIATRIC & PREVENTIVE DENTISTRY

PAPER-IV

(ESSAY)

(New Regulations)

Time : 3 Hours

Max. Marks : 75

WRITE LONG ESSAY ON ONE OF THE FOLLOWING WITH
LEGIBLE DIAGRAMS

- 1) Critically evaluate the studies conducted on topical fluorides and possibilities of their application in Indian pediatric population
OR
- 2) Pharmacological management of children in Pediatric dentistry .

478-IA-MDS DEG/ INTERNAL ASSESSMENT EXAMINATION – JUNE, 2014
PAEDIATRIC & PREVENTIVE DENTISTRY-PAPER-I-(Basic Sciences)-(New Regul)

Time : 3 Hours-Max. Marks : 75-Answer All Questions With Legible Diagrams

WRITE LONG ESSAYS ON THE FOLLOWING: 2 x 20=40m

- 1..Discuss the development of lip and palate with its congenital anomalies
2. Classify haemophilia. Write in detail about its management.

WRITE SHORT ESSAYS ON THE FOLLOWING: 5 x 7=35m

- 3..Describe calcium homeostasis
4. Role of trace elements in dental caries.
- 5..Immunoglobulins
6. Discuss the mechanism of tooth eruption. Add a note on its applied aspects.
7. Salivary proteins

478-MDS DEG. EXAMINATION – APRIL, 2014-Paediatric & Preventive Dentistry

PAPER-I-(Basic Sciences)-(New Regulations)-Time : 3 Hours- Max. Marks : 75

WRITE LONG ESSAYS ON THE FOLLOWING: 2 x 20=40m

- 1..Balanced diet in prevention of Dental Caries
- 2..Discuss growth of mandible with its nerve supply and blood supply.

WRITE SHORT ESSAYS ON THE FOLLOWING: 5 x 7=35m

- 3..Anatomy of Temporomandibular joint and its significance
- 4..Taste Buds 5..AIDS 6..Tonsils in Children 7. Infection control in Dental practice

478-MDS DEGREE EXAMINATION – OCTOBER, 2013-PAEDIATRIC &

PREVENTIVE DENTISTRY-PAPER-I-(Basic Sciences)-(New Regulations)-Time : 3

WRITE LONG ESSAYS ON THE FOLLOWING: 2 x 20=40m

- 1..Describe the course and distribution of mandibular division of trigeminal nerve
2. What is Saliva? Discuss mechanism of secretion and biological values in prevention of dental diseases.

WRITE SHORT ESSAYS ON THE FOLLOWING: 5 x 7=35m

3. Development of palate 4. Pain and Perception in Pedodontics 5. Oral microflora
6. Nutritional Evaluation of a Child 7. Focal sepsis

478-MDS DEG. EXAMINATION – APRIL, 2013-PAEDIATRIC & PREVENTIVE

WRITE LONG ESSAYS ON THE FOLLOWING: 2 x 20=40m

- 1..Describe the components of temporomandibular joint apparatus. Add a note on its development, movements and applied aspects in Pedodontics.
2. Discuss the Neural regulation of respiration in children with special reference to syncope.

WRITE SHORT ESSAYS ON THE FOLLOWING: 5 x 7=35m

3. Pathogenesis of Osteomyelitis 4. Immunoglobulin 5. Balanced diet
6. Gene Mapping 7. Chemical mediators of Inflammation

478-MDS DEG. EXAM-OCT., 2012-Paediatric & Preventive Dentistry-PAPER-I

Write Long Essays On The Following: 2 X 20=40m

- 1..Describe the development, composition and structure of dental plaque and its role in dental caries and periodontal disease.
- 2..Saliva and its role in maintaining oral health.

Write Short Essays On The Following: 5 x 7=35m

- 3..Development of Mandible 4..Protein energy malnutrition

5..Thrombocytopenia 6..Role of vitamins in oral health. 7..Pleomorphic Adenoma

478-MDS DEG. EXAM-APR-2012-PAEDIATRIC & PREV.DENTISTRY-PAPER-I

Write long essays on the following: 2 x 20=40m

- 1..Explain the concepts, sequence and factors affecting the eruption of teeth.
- 2..Describe the various stages of erythropoiesis and the factors necessary for the same.

Write short essays on the following: 5 X 7=35m

- 3..Anatomy of temporomandibular joint and its significance.
- 4..Osteogenesis.
- 5..Diabetes Mellitus.
- 6..Degenerative changes of the dental pulp.
- 7..Vitamin A.

478-MDS DEG. EXAM-OCT., 2011-PAEDIATRIC & PREVENTIVE DENTIST

Write Long Essays On The Following: 2 X 20=40m

- 1..Discuss the role of saliva in oral health and disease.
- 2..Give an account of Normal Microbial flora of the oral cavity. Discuss the role of these organisms in health and disease.

Write Short Essays On The Following: 5 x 7=35m

- 3..Discuss the etiology, pathogenesis, progression of pulpal infections.
- 4..Oral defense mechanism.
- 5..Muscles of mastication.
- 6..Define biopsy and what are the various biopsy techniques?
7. Discuss the theories of craniofacial complex growth.

478-MDS DEG. EXAM – APRIL, 2011-PAEDIATRIC & PREV. DENT.PAPER-I

Write long essays on the following: 2 x 20=40m

- 1..Describe in detail the muscles of mastication.
- 2..Define growth and development. Describe in detail the pre-natal and post-natal development of mandible.

Write Short Essays On The Following: 5 x 7=35m

- 3..Discuss the role of mutans streptococci in the caries initiation.
- 4..Vitamin D and calcium haemostasis.
- 5..Describe the development of the tongue.
- 6..Relation of diet, nutrition and dental caries.
- 7..Explain the metabolism of carbohydrates in the human body.

466-NR-M.D.S. DEG. EXAMINATION – APRIL, 2009-PART-I-PEDODONTCS

- 1..Genes.
2. Parotid Gland.
3. Chondro-cranial diseases.
4. Thalassemia.
5. Postnatal Embryology of Mandible.
6. Development of Palate.
7. Paget 's disease.
8. Mechanism of Pain.
9. Meckel's Cartilage.
10. Water Soluble Vitamins.

466-NR-M.D.S. DEGREE EXAMINATION – NOVEMBER, 2008-PART-I-

- 1..Structure of DNA.
2. Submandibular Gland.
3. Monoclonal Antibodies.
- 4..Haemophilia.
5. Prenatal Embryology of Mandible.
6. Teratology.
7. Osteogenesis.
8. Styloglossus.
9. HIV.
10. Balanced diet.

466-NR-M.D.S. DEGREE EXAMINATION – MAY, 2008-PART-I

1. Salivary glands.
2. Stable point in mandibular chin growth.
3. Auto immunity grafts.
4. Para thyroid hormone and calcium metabolism.
5. Focal sepsis.
6. Bleeding disorders.
- 7.Chemo therapeutic agents.
8. Gene mapping.
9. Down syndrome.
10. Trace elements.

466-NR-M.D.S. DEGREE EXAMINATION-NOV-2007-PART-I

- 1..Structure of DNA
2. Sub Mandibular Gland
3. Monoclonal Antibodies
4. Haemophilia
5. Prenatal Embryology of Mandible
6. Teratology
7. Osteogenesis
8. Styloglossus

9. Nerves of submandibular region 10.Fat Soluble Vitamins.

466-NR-MDS. DEG. EXAM-APRIL, 2007-PART-I-Pedodontics With Preventive

- 1..Developmental anatomy and functions of pituitary gland.
2..Importance of growth of condyle. 3..Physiology of shock.
4..Bleeding disorders. 5..Focal sepsis.
6..Vascular changes inflammation. 7..Carbohydrates.
8..Vericous carcinoma in children 9..Balanced diet in the prevention of dental caries.
10.Stem cells.

466-NR-MDS. DEG. EXAM-NOV-2006-PART-I-Pedodontics With Preventive

- 1..Muscle of Deglutition 2. Postnatal development of Maxilla
3. Allergy 4. Gnatho Dynamics
5. Role of Minerals in the maintenance of oro facial structures
6. Implication of nutritional deficiencies 7. Cloting mechanism
8. Hyperplasia and atrophy 9. Growth assessment parameters
10.Emergencies in pediatric dental clinic.

479-MDS DEG. EXAMINATION-APRIL, 2014-Paediatric & Preventive Dentistry
PAPER-II-(Clinical Pediatric Dentistry)-(New Regulations)-Time : 3 Hrs-Max. Mrks : 75

Answer All Questions With Legible Diagrams

WRITE LONG ESSAYS ON THE FOLLOWING: 2 x 20=40m

- 1..Discuss Pediatric Endodontics 2..Discuss habits in children

WRITE SHORT ESSAYS ON THE FOLLOWING:5 x 7=35m

3. Dean's index 4. Bite wing Radiographs 5. Conscious sedation 6. Sugar Substitutes
7. Child abuse and neglect

479 IA-MDS DEG. EXAMINATION-JAN., 2014-Paediatric & Preventive Dentistry

WRITE LONG ESSAYS ON THE FOLLOWING: 2 x 20m

- 1..Interception of anterior open bite.
2..Classify and discuss in detail the traumatic injuries to primary teeth and their clinical significance.
WRITE SHORT ESSAYS ON THE FOLLOWING: 5 x 7=35m
3..Fundamentals of behaviour management in pediatric dentistry.
4.Role of a Pedodontist in cleft palate rehabilitation 5.Abuse of antibiotics in pediatric dentistry
6. Development al anomalies of teeth 7. Fluoride dentifrice – in paediatric dentistry.

479-MDS DEGREE EXAMINATION – OCTOBER, 2013-PAEDIATRIC &

WRITE LONG ESSAYS ON THE FOLLOWING: 2 x 20=40m

- 1..Discuss in detail the etiology and classification of cleft lip and palate. What are the dental problems seen in these children. Describe the role of Pedodontist in the management of cleft lip and cleft palate cases.

- 2..Discuss the role of space management in development of normal occlusion.

WRITE SHORT ESSAYS ON THE FOLLOWING: 5 x 7=35m

- 3.Justify Glass Ionomer cement as a Biometric material
4. Self correcting Anomalies in Children
5.Recent trends in managing fractured anterior teeth
6.Importance of young permanent tooth
7. Various caries prediction tests and their clinical applicability

479-MDS DEG. EXAMINATION – APRIL, 2013-PAEDIATRIC & PREVENTIVE

WRITE LONG ESSAYS ON THE FOLLOWING: 2 x 20=40m

- 1..Discuss the management of 6 year old child with Hemophilia who is in need of dental extraction?
2. Discuss various reactions of pulp to different operative procedures applied in pediatric dentistry.

WRITE SHORT ESSAYS ON THE FOLLOWING: 5 x 7=35m

3. Biochemical effect of calcium hydroxide as a root canal medicament
4. Inhalation sedation
5. Ectopic eruption and its management.
6. Herpes simplex virus
7. Pulpotomy in children

479-MDS DEG. EXAM – OCT., 2012-Paediatric & Preventive Dentistry-PAPER-II

Write Long Essays On The Following: 2 X 20=40m

- 1..Define and classify oral habits. Write in detail about thumb sucking habit.
- 2..Behavioural learning theories and its applications in child management.

Write Short Essays On The Following: 5 x 7=35m

- 3..Discuss the management of an avulsed tooth. Mineral Trioxide aggregate
- 4..Early childhood caries.
- 5..Discuss the advantages and disadvantages of various pit and fissure sealants.
- 6..Munchausen syndrome by proxy.

479-MDS DEG. EXAM-APRIL, 2012-PAEDIATRIC & PREVEN. DENTISTRY

Write Long Essays On The Following: 2 x 20=40m

- 1..Classify traumatic injuries to teeth and supporting structures. Compare the treatment of traumatic injuries of primary and permanent teeth=20m
 - 2..Discuss the various medicaments and techniques of pulpotomy in primary teeth=20m
- Write Short Essays On The Following: 5 x 7=35m- 3..Bruxism

- 4..Application of Piaget's concept of cognitive development to behaviour management.
- 5..Physical abuse and the role of the pedodontist.
- 6..Changing concepts of cavity preparation in primary teeth.
- 7..Newer techniques of local anesthesia and intraoperative pain control.

479-MDS DEG. EXAM-OCT., 2011-PAEDIATRIC & PREVENTIVE DENTISTRY

Write Long Essays On The Following: 2 x 20=40m

- 1..Discuss the deleterious oral habits in children. Give the aetiology, clinical features and management of mouth breathing.
- 2..Discuss the management of an avulsed tooth.

Write Short Essays On The Following: 5 X 7=35m

- 3..Define conscious sedation. Explain its objectives, rationale and techniques.
- 4..Compare the various obturating materials for primary teeth.
- 5..Correction of anterior crossbite.
- 6.Compare the anticariogenic properties of various restorative materials currently used in pedodontics
- 7..Acute oral lesions in children.

479-MDS DEG. EXAM-APRIL, 2011-PAEDIATRIC & PREVEN. DENTISTRY

Write Long Essays On The Following: 2 x 20=40m

- 1..Define and classify oral habits. Write in detail about thumb sucking habit.
- 2..Enumerate various endodontic procedures in deciduous teeth. Discuss how the treatment differs in young permanent and permanent teeth.

Write Short Essays On The Following: 5 X 7=35m

- 3..Role of pedodontist in cleft-palate rehabilitation.
- 4..Explain the differences between gingiva and periodontal ligament in children and adults.

- 5..Preventive resin restorations.
- 6..Define and classify fear. Explain the assessment and management of fear in pedodontics.
- 7..Pediatric considerations for extraction of tooth 85.

467-M.D.S. DEG. EXAMINATION – OCTOBER, 2010-PART-II-Pedodontics With

- 1..Discuss the learning theories & their application in the management of children in pedodontics
- 2..Recent advances in endodontic materials with their merits and demerits and their application in paediatric dentistry=25m
- 3..Classify children with special needs. Discuss the clinical features and management of a mentally retarded child=25m
- 4..Present concepts in early orthodontic intervention in children=25m

467-M.D.S. DEGREE EXAMINATION – APRIL, 2010-PART-II-Pedodontics With

- 1..Clinical evolutionary changes in the use of calcium hydroxide, how do you defend its superiority with other materials in healing of the pulp?=25m
- 2..Review the existing classification of cavity preparations with recent developments. Rationalize their clinical implications with review=25m
- 3..Clinical management of Acquired immuno deficiency diseases=25m
4. Discuss in detail management of a 5 year old child who comes with a history of loss of 75 and 84=25m

467-M.D.S. DEGREE EXAMINATION – APRIL, 2009-PART-II-Pedodontics With

- 1..What is classical conditioning? Explain with original experimental design. Also discuss stimulus generalization and experimental extinction=40m
- 2..State various Hematological disorders. Discuss the management of 6 years old patient who suffers from Hemophilia, reported to dental clinic=30m
- 3..Write short notes on=3x10=30m
 - a).Common lesions of Oral Mucosa in children.
 - b) Updates in caries detection methods.
 - c) Intra canal irrigants.

467-M.D.S. DEGREE EXAMINATION – NOV-2007-PART-II-Pedodontics With
Preventive Dentistry-PAPER-II-Clinical Pedodontics including Applied Dental

- 1..Discuss in detail psycho analytical, psycho social and cognitive theories of child development and state the cross comparison of these theories and discuss how these theories play an important role in child patient management in pediatric dental clinic.
- 2..Outline various procedures in the management of deciduous teeth. Differentiate how management differs in young permanent and permanent teeth.
3. Write in detail: a) Aesthetic Crowns in Pediatric dentistry
b) History of N2O anesthesia c) Fissures Sealants

467-M.D.S. DEGREE EXAMINATION – NOV-2006-PART-II-Pedodontics With
Preventive Dentistry-PAPER-II-Clinical Pedodontics including Applied Dental

- 1..What are the latest tooth colour restorations and discuss their clinical applicability with documentation.
2. Dental Management of Child patient with aids
3. Enumerate various genetic disorders in children and their clinical management with latest available developed technology

480-IA-MDS DEG. INTERNAL ASSESSMENT EXAMINATION – JUNE, 2014

PAEDIATRIC & PREVENTIVE DENTISTRY-PAPER-III-(Preventive and Community Dentistry as applied to Paediatric Dentistry)-(New Regulations)-Time : 3 Hours-Max.

Marks : 75-Answer All Questions With Legible Diagrams

WRITE LONG ESSAYS ON THE FOLLOWING 2x 20=40m: 2x20=40

- 1..Discuss the availability, effect, merits and demerits of systemic fluoride VS topical fluoride.
- 2..Discuss factors influence a School Health Education Programme.

WRITE SHORT ESSAYS ON THE FOLLOWING: 5 x 7=35m 5x7=35

- 3..Fluoride dentifrice in pedodontic practice.
- 4..Milestone studies of dental caries in Indian children.
- 5..Dental home concept.
- 6..Measures of central tendency and its significance.
7. Ethical considerations in dental research field.

480-MDS DEG. EXAMINATION-APRIL, 2014-Paediatric & Preventive Dentistry

PAPER-III-(Preventive & Community Dentistry as applied to Paediatric Dentistry)-N.R.

WRITE LONG ESSAYS ON THE FOLLOWING: 2 X 20=40m

- 1..Define Preventive Dentistry. Discuss importance of diet counseling in Pedodontics.
- 2..Discuss dental health problems encountered in institutionalized disabled children and measures to overcome them.

WRITE SHORT ESSAYS ON THE FOLLOWING: 5 x 7=35m

- 3..Dental home
- 4..Preventive Oral Hygiene guidance
- 5..Interceptive Orthodontics
6. Growth and development
7. Measures of central tendency and its significance

480-MDS DEGREE EXAMINATION – OCTOBER, 2013-PAEDIATRIC &

WRITE LONG ESSAYS ON THE FOLLOWING: 2 x 20=40m

- 1..Define health education. Identify suitable health education methods to improve the dental health of school children.
2. Explain the rationale of topical fluorides and write in detail about fluoride varnishes

WRITE SHORT ESSAYS ON THE FOLLOWING: 5 x 7=35m

- 3..Emotional development of a child
4. Comprehensive dental care
5. Pit and Fissure sealants
6. Modern trends in preventive dentistry
7. Stainless steel crowns

480-MDS DEG. EXAMINATION – APRIL, 2013-PAEDIATRIC & PREVENTIVE

DENTISTRY-PAPER-III-(Preventive and Community Dentistry as applied to Paediatric

WRITE LONG ESSAYS ON THE FOLLOWING: 2 x 20=40m

- 1..Define behaviour and behaviour management and discuss various behaviour modification techniques for child management in dental office.
- 2..What are the levels of Prevention? Describe various measures you would like to take to prevent caries in your community.

WRITE SHORT ESSAYS ON THE FOLLOWING: 5 x 7=35m

3. Classical conditioning theory
4. Role of topical fluorides in preventive dentistry
5. Sampling methods
6. Types of tooth brushing techniques in children
7. Anticipatory guidelines.

480-MDS DEG. EXAM– OCT., 2012-Paediatric & Preventive Dentistry-PAPER-III

Write Long Essays On The Following: 2 x 20=40m

- 1..Define index. Describe the indices used for epidemiological survey of school children.
- 2..Explain the rationale for use of pit and fissure sealants. Discuss in detail the recent developments in related materials and techniques.

Write Short Essays On The Following: 5 x 7=35m

- 3..Caries prevention in preschool children.
- 4..Cohort control studies
- 5..Dental treatment for AIDS patient.
- 6..Prevention of traumatic injuries in children
- 7..Caries Vaccine.

480-MDS DEG. EXAM-APR., 2012-PAEDIATRIC & PREVENTIVE DENTISTRY

Write Long Essays On The Following: 2 x 20=40m

- 1..Assessment of dental caries risk and its impact on dental care at individual and community level.
- 2..Critically analyze the professionally applied topical fluoride agents and their use in caries control.

Write Short Essays On The Following: 5 x 7=35m

- 3..Endemic fluorosis.
- 4..Measures of central tendency and its significance.
- 5..Diet counselling for children with special health care needs.
- 6..Use of media for providing dental health education.
- 7..Discuss the benefits and risks of using pit and fissure sealants in school health programs.

480-MDS DEG. EXAM-OCTOBER, 2011-PAEDIATRIC & PREVEN. DENT

PAPER-III-(Preventive & Community Dentistry as applied to Paediatric Dentistry)-(N.R)

Write Long Essays On The Following: 2 x 20=40m

- 1..Define diet. Discuss in detail the procedures involved in developed and developing countries.
- 2..Discuss the measures available for the prevention of dental caries in the pre-school children.

Write Short Essays On The Following: 5 x 7=35m

- 3..Ethical considerations in clinical research.
- 4..Food Pyramid.
- 5..Acute Fluoride toxicity.
- 6..Describe the merits and demerits of various diagnostic techniques and aids used to diagnose dental caries.
- 7..Role of vaccines in prevention of dental caries.

480-MDS DEG. EXAM-APRIL, 2011-PAEDIATRIC & PREVEN. DENTISTRY

Write Long Essays On The Following: 2 X 20=40m

- 1..Classify theories of child psychology. Write in detail about the cognitive theory.
- 2..Explain the rationale of topical fluorides and write in detail about fluoride varnishes.

Write Short Essays On The Following: 5 x 7=35m

- 3..Retraining and reframing.
4. Sugar substitutes.
5. Child abuse and neglect. Role of Pedodontist.
6. Discuss diet counseling for children with early childhood caries.
7. Role of stainless steel crowns in oral rehabilitation.

468-M.D.S. DEG. EXAM-OCTOBER, 2010-PART-II-PEDODONTICS-PAPER-III

- 1..What is cariogenicity? Discuss the cariogenicity of various Indian food stuffs with literature review=25m
- 2..Recent advances in dental caries prevention for school children=25m
- 3..What is nutritional counseling? Discuss how nutrition counseling is done in pediatric dental practice=25m
- 4..Discuss various caries prediction tests and their applicability at chair side and community level=25m

484-M.D.S. DEGREE EXAMINATION – APRIL, 2010-PART-II-Public Health

Dentistry (Community Dentistry)-PAPER-III: Dental Public Health

- 1..What do you understand by the term Need? Discuss the implications of these for dental public health=25m
- 2..What is Bias? Give a few examples how the bias can be minimized in dental research=25m
- 3..Public Health approaches to the prevention of traumatic dental injuries=25m
4. Write in detail about dental manpower=25m

468-M.D.S. DEGREE EXAMINATION – APRIL, 2009-PART-II-Pedodontics With

Preventive Dentistry-PAPER-III: Preventive Public Health Dentistry as Applied To

- 1..Discuss in detail the present epidemiological studies of Dental Caries in India. Critically evaluate prevalence studies conducted in India in last three decades=40m
- 2..Saliva is blood stream of a tooth. Discuss the mechanism of saliva in relation of: 2 x 15
 - a) Saliva & Oral Health.
 - b) Sugar free Gums and Oral Health.
3. Write Notes on=3x10=30m
 - a) Infant Oral Health Care
 - b) Cluster Sampling
 - c) Biological Probes in Dentistry

468-M.D.S. DEGREE EXAMINATION-NOV-2007-PART-II-Pedodontics With

Preventive Dentistry-PAPER-III: Preventive Public Health Dentistry as Applied To

Pedodontics-Time: 3 Hours-Max. Marks:100-Answer All Questions

- 1..Keeping a backdrop of immunology of oral diseases give a critical appraisal of efforts made till date in an attempt to develop caries vaccine. What does the future hold for the same.
2. Discuss various methods of defloridation of water.
3. Write notes on:
 - a) Slow release fluoride devices
 - b) Aksoy School Dental Health Programme
 - c) Brushing V/s dental caries

468-M.D.S. DEGREE EXAMINATION-NOV-2006-PART-II-Pedodontics With

Preventive Dentistry-PAPER-III: Preventive Public Health Dentistry as Applied To

Pedodontics-Time: 3 Hours-Max. Marks:100-Answer All Questions

- 1..Critically evaluate the changing trends of dental caries if any in India, tabulating the epidemiology data for the last two decades.
2. Discuss the current trends in caries vaccine
3. Write short notes on:
 - a) CPITN Index
 - b) Cluster sampling

481-MDS DEG. EXAMINATION – APRIL, 2014-Paediatric & Preventive Dentistry

PAPER-IV=(ESSAY)=(New Regulations)-Time : 3 Hours- Max. Marks : 75

Write Long Essay On One Of The Following With Legible Diagrams

- 1..Behaviour management in Pediatric Dentistry. “OR”
- 2..Emergencies in Pediatric Dentistry

481 IA-MDS DEG.EXAMINATION- JAN-2014-Paediatric & Preventive Dentistry

- 1..Pediatric Endodontics – Controversies and recent concepts. “OR”
- 2..Recent concepts in caries prevention.

481-MDS DEGREE EXAMINATION – OCTOBER, 2013-PAEDIATRIC &

- 1..Discuss about the modern esthetic restorative materials in Pedodontics “OR”
- 2..Management of Space in Developing Dentition

481-MDS DEG. EXAMINATION – APRIL, 2013-PAEDIATRIC & PREVENTIVE

- 1..Critically evaluate the studies conducted on topical fluorides and possibilities of their

- application in Indian Pediatric Population. “OR”
- 2..Professional hazards in Pedodontics
- 481-MDS DEG. EXAM – OCT., 2012-Paediatric & Preventive Dentistry-PAPER-IV**
- 1..Occlusal guidance in children. “OR” 2..Minimal invasive dentistry.
- 481-MDS DEG. EXAM-APR., 2012-PAEDIATRIC & PREVENTIVE DENTISTRY**
- 1..Scientific foundations for behaviour management in child dental patients. “OR”
- 2..Critically evaluate the recent advances in dental materials and their application in clinical pediatric dentistry.
- 481-MDS DEG. EXAM-OCT., 2011-Paediatric & Preventive Dentistry-PAPER-IV**
- 1..Systemic fluorides Vs. Topical fluorides. “OR”
- 2..Discuss use, misuse and disuse of antibiotic drugs in paediatric dentistry.
- 481-MDS DEG. EXAM-APR, 2011-PAED. & PREVEN. DENTISTRY-PAPER-IV**
- 1..Concepts in caries prevention. “OR” 2..Minimum intervention dentistry.
- 469-M.D.S. DEG. EXAMINATION – OCTOBER, 2010-PART-II-PEDODONTICS**
- 1..Recent advances in prevention and management of Pit and Fissure caries. “OR”
2. Pharmacological management of children in pediatric dentistry.
- 485-M.D.S. DEGREE EXAMINATION – APRIL, 2010-PART-II-Public Health**
- 1..Minimal invasive dentistry. “OR”
- 2..Overview of school dental health programmes prevailing globally and outline the significance of having such programme in promotion of oral health in India.
- 469-MDS.DEG. EXAM-APRIL, 2009-PART-II-Pedodontics With Preventive**
- 1..Discuss in detail the management of handicapped and medically compromised children in Paediatric Dentistry. “OR”
- 2..Discuss in detail the genetic aspects of Dental diseases.
- 469-MDS.DEG. EXAM-NOV-2007-PART-II-Pedodontics With Preventive**
- 1..Write an essay on:
- a) Discuss in detail “tooth coloured restorative materials in pediatric dentistry. “OR”
- b) Recent advances in Pediatric Dentistry
- 469-MDS.DEG. EXAM-NOV-2006-PART-II-Pedodontics With Preventive**
- 1..Latest techniques and materials adopted in pediatric endodontics “OR”
2. Critically evaluate the role of different fluoride supplements in prevention of dental caries.