

Q.P.CODE:426/415

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

BDS DEGREE EXAMINATION –JULY/AUGUST, 2017

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PAEDIATRIC & PREVENTIVE DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Classify Stainless Steel Crowns. Mention their indications. Give Step wise description of restoration of tooth with it. 3+2+4=9

- 2) Classify traumatic injuries to teeth and supporting structures. Explain Ellis Class IV in detail. 4+5=9

WRITE SHORT NOTES ON: 8x4=32

- 3) Anxiety Vs Fear
- 4) Pulpotomy medicaments
- 5) Juvenile Periodontitis
- 6) Anterior Cross bite
- 7) Define and classify Pit and fissure sealants
- 8) Local anesthetic drug delivery systems
- 9) Nitrous oxide sedation
- 10) Early childhood caries

WRITE BRIEFLY ON: 10x2=20

- 11) Types of cry
- 12) Anticipatory guidance
- 13) Rampart Caries
- 14) Bite marks
- 15) Food guide pyramid
- 16) Leeway space of Nance
- 17) Ectopic eruption
- 18) Space regainers
- 19) Molar incisor hypomineralization
- 20) Natal and neonatal teeth

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BDS DEGREE EXAMINATION –JANUARY, 2017

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PAEDIATRIC & PREVENTIVE DENTISTRY**Time : 3 Hours****Max. Marks : 70**

Note : Answer all questions.

- 1) Classify the modes of fluoride delivery for caries prevention. Write the method of preparation, technique of application, mechanism of action, advantages and disadvantages of neutral sodium fluoride solution. 4+1+1+1+1+1=9

- 2) Define handicapped child. Classify handicapping conditions according to Nowak. Write the oro dental features of cerebral palsy. 2+3+4=9

WRITE SHORT NOTES ON: _8x4=32

- 3) Self-correcting anomalies during occlusal development
- 4) Growth spurts and their significance
- 5) Contingency management
- 6) Preoperational stage of cognitive development
- 7) Principles of minimal intervention dentistry
- 8) Management of tongue thrusting habit
- 9) Apexification
- 10) Conservative Adhesive Restorations

WRITE BRIEFLY ON:10x2=20

- 11) Incisal liability
- 12) Diffusion hypoxia
- 13) Objective fear
- 14) Physical restraints for body
- 15) Universal system of tooth notation
- 16) Sequence of primary tooth eruption
- 17) Blanket referral
- 18) Types of stainless steel crowns
- 19) Neurotropism
- 20) Timing of eruption of:
 - a) Permanent maxillary lateral incisor
 - b) Primary mandibular canine

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BDS DEGREE EXAMINATION –JULY/AUGUST, 2016

FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)

PAEDIATRIC & PREVENTIVE DENTISTRY**Time : 3 Hours****Max. Marks : 70**

Note : Answer all questions.

- 1) Define behavior management. Classify behavior management methods and describe Tell-Show-Do technique. 2+4+3=9

- 2) Write about various isolation techniques and Rubber Dam in detail. 5+4=9

WRITE SHORT NOTES ON: 8x4=32

- 3) Operant conditioning theory
- 4) Procedure for placement of pit and fissure sealants
- 5) Formocresol pulpotomy
- 6) Acidulated Phosphate Fluoride (APF)
- 7) Primary molar relationship
- 8) Indications and contraindications of stainless steel crowns.
- 9) Band and loop space maintainer
- 10) Broadbent's phenomenon

WRITE BRIEFLY ON: 10x2=20

- 11) Nursing bottle caries
 - 12) '4S' exercise
 - 13) Primate spaces
 - 14) Stoic behavior
 - 15) Fones' technique
 - 16) Composition of glass ionomer cement
 - 17) Four clinical features of digit sucking habit
 - 18) SLOB rule
 - 19) Contraindications for extraction of teeth
 - 20) Retro cuspid papilla
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DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
BDS DEGREE EXAMINATION – JULY / AUGUST, 2015
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
PAEDIATRIC & PREVENTIVE DENTISTRY

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

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|-----|--|-------------|
| 1) | Define special child. Discuss in detail the dental management of cerebral palsy patient | 2+7=9 |
| 2) | Define Pulpotomy and pulpectomy. Enumerate the indications and contraindications of pulpotomy. Describe step by step formocresol pulpotomy procedure | 1+1+2+2+3=9 |
| | <u>WRITE SHORT NOTES ON:</u> | 8x4=32 |
| 3) | Phases of treatment plan | |
| 4) | Defluoridation | |
| 5) | Operant conditioning theory | |
| 6) | Topical sodium application | |
| 7) | Hand over mouth exercise | |
| 8) | Myofunctional appliances | |
| 9) | Psychic triad | |
| 10) | Space regainer | |
| | <u>WRITE BRIEFLY ON:</u> | 10x2=20 |
| 11) | Four features of normal gingival in children | |
| 12) | Define behavior shaping | |
| 13) | Armamentarium for stainless steel crown adaptations | |
| 14) | Incipient caries | |
| 15) | White spot lesion | |
| 16) | Four contraindications for direct pulp capping | |
| 17) | Window of infectivity | |
| 18) | Sugar substitutes | |
| 19) | Tongue tie | |
| 20) | Four indications for bite wing radiographs | |

**BDS DEGREE EXAMINATION – JANUARY, 2015
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
PAEDIATRIC & PREVENTIVE DENTISTRY**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

21) Define early child hood caries. Write about diet counseling and diet chart. **2+3+4=9**

22) Classify child behavior. Discuss various Non-Pharmacologic ways of child behavior management. **4+5=9**

WRITE SHORT NOTES ON: **8x4=32**

23) Eruption and shedding sequence of primary teeth

24) Serial extraction

25) Mouth breathing habit

26) Juvenile Periodontitis

27) Direct Vs indirect pulp capping

28) Child abuse and neglect

29) Setup of a Pedodontic clinic

30) Inferior alveolar nerve block in children

WRITE BRIEFLY ON: **10x2=20**

31) Ugly Duckling stage

32) Incisal liability

33) Bruxism

34) Apexification

35) Types of cry

36) Eruption Hematoma

37) Fusion

38) Define Oral Habit

39) Diffusion Hypoxia

40) Alban's Test

**BDS DEGREE EXAMINATION – JULY, 2014
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
PAEDIATRIC & PREVENTIVE DENTISTRY**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Define and classify oral habits. Discuss thumb sucking habit, its effect on Oro facial complex and its management. **1+2+3+1+2=9**

- 2) Ellis fractures – Classification and management of an avulsed tooth in a 8 year old child **4+5=9**

WRITE SHORT NOTES ON:

8x4=32

- 3) Natal and neonatal teeth

- 4) Gum pads

- 5) Physical restraints

- 6) Conscious Sedation

- 7) Rubber Dam

- 8) Glass ionomer cement

- 9) Classify space maintainers (Any one classification) and write about band and loop space maintainer

- 10) Pulpectomy

WRITE BRIEFLY ON:

10x2=20

- 11) Diet counseling

- 12) Apexogenesis

- 13) Mouth guards

- 14) Toxic dose of fluoride

- 15) Therapeutic extraction

- 16) FDI system of tooth identification

- 17) Mamelons

- 18) Tunnel preparation

- 19) White spot lesion

- 20) Define Pedodontics

**BDS DEGREE EXAMINATION – JANUARY, 2014
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
PAEDIATRIC & PREVENTIVE DENTISTRY**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

21) Define pulpotomy. Indications and 2+2+2+3=9
contraindications for pulpotomies. Explain
formocresol pulpotomy procedure.

22) Define early childhood caries. Write the etiology, 2+1+2+2+2=9
pathogenesis, clinical features and management
of ECC.

WRITE SHORT NOTES ON:

8x4=32

- 23) Pit and Fissure sealants
- 24) School water fluoridation
- 25) Oral and dental features in Down's syndrome
- 26) Self-applied topical fluorides
- 27) Leeway space of Nance
- 28) Inferior alveolar nerve block in children
- 29) Indirect pulp treatment
- 30) Types of fear

WRITE BRIEFLY ON:

10x2=20

- 31) Indication of distal shoe space maintainers
- 32) Enumerate 2 primary root canal filling materials.
- 33) Bitewing radiographs
- 34) Tell Show Do
- 35) Four features of primary dentition
- 36) Composition of local anesthetic solution
- 37) Define Rampant Caries
- 38) Midline Diastema
- 39) Caries tetralogy
- 40) Duraphat

**BDS DEGREE EXAMINATION – JANUARY/FEBRUARY, 2013
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
PAEDIATRIC & PREVENTIVE DENTISTRY**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

41) Define Pulpotomy. Indications and contra- 1+2+1+3+2=9
indications in Pulpotomy. Explain Pulpotomy
procedure and the materials used.

42) Define early child hood caries. Describe its 1+2+6=9
etiology and management of severe early
childhood caries.

WRITE SHORT NOTES ON:

8x4=32

43) Caries assessment tools

44) Glass Ionomer Cement

45) Midline Diastema

46) Obturating materials used in paediatric dentistry

47) Hand Over Mouth Exercise

48) Apexification

49) Morphological differences between primary and
permanent teeth

50) Classical conditioning

WRITE BRIEFLY ON:

10x2=20

51) Subjective Fear

52) Antibiotic prophylaxis for endocarditis

53) Mechanism of action of fluoride varnish

54) Give two sugar substitutes for prevention of
dental caries

55) Growth spurt

56) Rubber Dam Sheet

57) Pedodontic treatment triangle

58) Turner's Syndrome

59) Causes of gingival hyperplasia

60) Clinical features of bruxism

**BDS DEGREE EXAMINATION – AUGUST, 2013
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
PAEDIATRIC & PREVENTIVE DENTISTRY**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

61) Classify theories of child psychology. Write in detail about the cognitive theory. 9

62) Define and classify space maintainer. Write in detail about the lingual arch space maintainer. 9

WRITE SHORT NOTES ON:

8x4=32

63) Luxation injuries and their management

64) Defluoridation technique

65) Oral hygiene measures for handicapped children

66) Tooth preparation for stainless steel crown

67) Terminal Plane relationship

68) Drugs used for conscious sedation

69) Modern trends in preventive dentistry

70) Management of single tooth cross bite correction

WRITE BRIEFLY ON:

10x2=20

71) Young permanent tooth

72) Natal and Neonatal teeth

73) FDI system of tooth notation

74) Ectopic eruption

75) Infected V/s Affected dentin

76) KRI Paste

77) Mouth Guards

78) Willet's Appliance

79) Fear in Dentistry

80) Oral Screen

426/415-BDS DEG. EXAMINATION – JANUARY/FEBRUARY, 2013-Fourth (nr) & final bds

examination (or & nr)-Paediatric & preventive dentistry-Time: 3 Hrs-Max. Mrks : 70-Answer all

1..Define Pulpotomy. Indications and contra- indications in Pulpotomy. Explain Pulpotomy procedure and the materials used=1+2+1+3+2=9m

2..Define early child hood caries. Describe its etiology and management of severe early childhood caries=1+2+6=9m

Write Short Notes On: 8 x 4=32m

3..Caries assessment tools 4..Glass Ionomer Cement 5..Midline Diastema

6..Obturing materials used in paediatric dentistry 7..Hand Over Mouth Exercise

8..Apexification 9..Morphological differences between primary and permanent teeth

10.Classical conditioning

Write Briefly On: 10 x 2=20m

11.Subjective Fear

12.Antibiotic prophylaxis for endocarditis

13.Mechanism of action of fluoride varnish

14.Give two sugar substitutes for prevention of dental caries

15.Growth spurt

16.Rubber Dam Sheet

17.Pedodontic treatment triangle

18.Turner's Syndrome

19.Causes of gingival hyperplasia

20.Clinical features of bruxism

426/415-BDS DEG.AUGUST, 2012-Fourth (nr) & final bds examination (or & nr)-Paediatric

1..Define Habit. Classify habits and write about thumb sucking habit=2+3+4=9m

2..Write about various Isolation techniques and in detail about Rubber Dam=4+5=9m

Write Short Notes On: 8 x 4=32m

3..Sterilization and Disinfection

4..Topical fluorides

5..Defence mechanism of saliva.

6..Plaque control

7..Teething Disorder

8..Distal shoe space maintainer

9..Ellis and Davey's classification of tooth fractures.

10.Young Permanent teeth.

Write Briefly On: 10 x 2=20m

11.Oedipus complex.

12.Occlusal Splints

13.Tell Show Do

14.Hank's Balanced Salt Solution (HBSS)

15.Talon's cusp.

16.Indirect Pulp capping

17.Critical PH

18.Catalan's Appliance

19.FDI system of tooth notation

20.Diet Diary.

426-FOURTH BDS (N.R) DEG. EXAM-MARCH, 2012-PAED. & PREVEN. DENTISTRY

1..A 7 year old child reported with trauma on the central incisor. Explain the investigations and treatment options based on your diagnosis=9m

2..Define early childhood caries. Write a note on window of infectivity. Explain the stages and management of ECC=9m

Write Short Notes On: 8 x 4=32m=3. Management of hemophiliac child 4. Serial extraction

5. Maternal influences on child's personality

6. Preventive resin restorations

7. Dental fear

8. Mixed dentition analysis

9. Psychic triad

10.Functional matrix theory

Write Briefly:10 x 2=11.School water fluoridation

12.Relative analgesia

13.Broadbent phenomenon

14.Mandibular primary first molar

15.Stephan's curve

16.Caries assessment tool

17.Dentifrices for children

18.Masochistic habits

19.Glutaraldehyde

20.Diet diary

415-FINAL BDS (O.R) DEG. EXAM-JAN., 2012-PAEDIATRIC & PREVEN. DENTISTRY

1..Define space maintainers and space management. Classify space maintainers. Write in detail about eruption guidance appliance=9m

2..Define behaviour management. Enumerate the fundamentals of behaviour management techniques and explain aversive conditioning in detail=9m

Write Short Notes On: 8 x 4=32m

3..Autism 4. Apexification vs Apexogenesis

5. Bitewing radiographs

6. Nitrous oxide sedation

7. Pit and fissure sealants

8. Treatment of avulsion of permanent teeth

9. Cleft lip and palate

10.Treatment of thumb sucking habit

Write Briefly On:10 x 2=20m

11.Non-accidental injury

12.Leeway space of Nance

13.Knutson's technique

14.Restricting

15.Dental home

16.MTA

17.Phenytoin induced gingival overgrowth

18.Scammon's growth curve

19.Pediatric dentistry treatment triangle

20.Features of primary dentition

426/415-FINAL BDS DEG. EXAMINATION-JULY, 2011-PAED. & PREVEN. DENTISTRY

- 1..Enumerate the different theories of child psychology. Explain the different stages of Jean Piaget's Cognitive theory in detail=3+6=9m
- 2..Define habits. Classify habits. Explain in detail mouth breathing habit and its treatment?=2+2+5=9m

Write Short Notes On: 8 x 4=32m
 3..Down syndrome 4..Stainless steel crown 5..Fluoride varnishes
 6..Anterior crossbite 7..Pulpotomy 8..Ellis Davey Classification
 9..Distal shoe space maintainer 10.Nursing bottle caries

Write Briefly On: 10 x 2 =20m

- 11.Munchausen syndrome by proxy 12. Late mesial shift 13. Fones technique 14. SLOB rule
15. Anticipatory guidance 16. Glass ionomer cement 17. Acute herpetic gingivostomatitis
18. FDI system of tooth identification 19. Tunnel cavity preparation 20. Growth spurts

415-FINAL BDS DEGREE EXAMINATION – FEBRUARY, 2011-PEDODONTICS

- 1..Define and classify space maintainers. What are the factors considered before planning for space maintainers? Write in detail about distal shoe space maintainer.
- 2..Classify Elli's Fractures of anterior teeth. How would you manage clinically Elli's class 3 fracture of 21?

Write Short Notes On: 8X 4 =32m

- 3..Management of hemophilic child in dental office 4..Anterior aesthetic restorative materials
- 5..Caries activity tests 6..Formocresol Pulpotomy 7..Fluoride varnishes
8. Natal and Neonatal teeth 9. Self correcting anomalies
- 10.Indications, contraindications and complications of Extractions in children

Write Briefly On: 10 x 2=11..Polycarbonate crowns 12. Masochistic habits 13. T- Band
 14. Skeletal age Vs Dental age 15. T S D technique 16. Talon cusp 17. Preventive Resin Restoration
 18.Different types of cry 19. Diet analysis of sugar exposure 20. Incisor liability

415-FINAL BDS DEGREE EXAMINATION – JULY, 2010-PEDODONTICS

PART-A

1. Define preventive orthodontics. Classify space maintainers. Enumerate their indications and contra-indications. Describe the various fixed space maintainers=2+2+2+3=9m

Write Short Notes On=4x4=2. Caries Risk Assessment 3. Materials used for pulpotomy
 4. Juvenile periodontitis 5. Glass Ionomer cement in pedodontics

Write Briefly On:=5x2=6. Obturator 7. AIDS in children 8. Bruderold's technique
 9. Gebner's space regainer 10. Choking off phenomenon

PART-B

11. Classify stainless steel crowns. Mention their indications. Give stepwise description of restoration of a tooth with it.=9m

Write Short Notes On=4x4=16m

12. Infant oral health care 13. Cerebral palsy 14. Pulpectomy 15. Myofunctional appliance

Write Briefly On=5x2=10m

16. Disclosing solution 17. Semi permanent restoration 18. Emotional abuse
19. Molar relationship in pediatric dentistry 20..Caries tetralogy

415-FINAL BDS DEGREE EXAMINATION – FEBRUARY, 2010-PEDODONTICS

PART-A

1. Define serial extraction. Describe indications, contra-indications and various methods used for serial extraction=9m

Write Short Notes=4x4=2. Lingual arch space maintainer 3. Rampant Caries 4. Trisomy 21
 5. Fluoride varnish

Write Briefly On=5x2=6. Ugly duckling stage 7. Primate space 8. Tell-show-do technique
 9. Pre-eruptive caries 10.Types of fear

PART-B

11. Define and classify oral habits. Discuss thumb sucking habit, its effect on oro-facial complex and its management=9m

Write Short Notes On:=4x4=12. Caries susceptibility test

13. Step by step analysis of occlusion in a 4 year old child 14. Prophylactic odontology
15. Contingency management

Write Briefly On=5x2=16. Diet counseling 17. Psychic triad 18. Orthopantomograph
19. Communication 20. Riga-Fede's disease

415-FINAL BDS DEGREE EXAMINATION – AUGUST, 2009-PEDODONTICS

PART-A (35 MARKS)

1. What is Behaviour Management? Explain it's importance in Pedodontics. Describe in detail the techniques employed in treating an apprehensive 4 year old child=9m

Write Short Notes On: 4 x 4=16m

2. Amelogenesis Imperfecta. 3. Oral screen 4. Inferior alveolar nerve block in children
5. Removable space maintainer.

Write briefly on: 5 x 2=6. Pediatric treatment triangle 7. Bite wing radiograph 8. Teething
9. Personal Protective Barrier 10. Flush Terminal Plane

PART-B(35 MARKS)

11. Classify trauma to anterior teeth according to Ellis of Davey. How will you manage a class III fracture involving maxillary central incisors in a 8 year old child.=9m

Write short notes on: 4 x 4 =16m

12. APF gel. 13. Acute Necrotising Ulcerative Gingivitis 14. Nitrous Oxide Sedation
15. Apexification.

Write briefly on: 5 x 2 =16. Microdontia 17. Leeway Space
18. Chronology of permanent teeth eruption. 19. Clinical features of Juvenile Periodontitis
20. Incipient caries.

415-FINAL BDS DEGREE EXAMINATION – MARCH, 2009-PEDODONTICS

PART –A

1. Enumerate various theories of child psychology and describe in detail psychosexual theory=9m

Write Short Notes On: =4x4=2. HOME 3. Plaque control methods in children

4. Frankel's behaviour rating scale 5. Stainless steel crown

Write Briefly On:= 5x2=6. Obturating materials used in primary teeth 7. Incisal liability

8. Bitewing radiograph 9. Thumb sucking 10. Cry

PART-B

11. Describe and classify handicapped child. Describe management of a child with epilepsy=9m

Write Short Notes On:= 4x4=12. Formocresol pulpotomy 13. Developmental anomalies of teeth

14. Juvenile periodontitis 15. Rampant caries

Write Briefly On:= 5x2=16. Classify behaviour of a child 17. Stimulus response theory

18. Leeway space of nance 19. Demineralisation / Remineralisation 20. Critical PH

415 Final BDS DEGREE EXAMINATION – AUGUST/SEPTEMBER, 2008-PEDODONTICS-

PART –A

1. How do you manage a physically handicapped child in your dental clinic=9m

Write Short Notes On: =4X4=2. Management of multi surface caries in primary molars

3. Pit and Fissure Sealants 4. APF GEL 5. Intelligent Quotient (I.Q.)

Write Briefly On=5X2=6. Subjective Fear 7. Fluor protector 8. Glutaraldehyde 9. Tell show do

10. Diffusion Hypoxia

PART-B

11. Define Pulpotomy. Indications and contraindications for pulpotomy. Explain formocresol pulpotomy procedure=9m

Write Short= 4X4=12. Primate spaces 13. Functional Matrix Theory 14. Herpetic Gingivo Stomatitis

15. Papillon Lefèvre Syndrome

Write Briefly On:= 5X2=16. Talon Cusp 17. Types of cerebral palsy 18. First Dental visit

19. Riga-Fede's disease 20. Midazolam

415-Final BDS DEGREE EXAMINATION – MARCH, 2008-PEDODONTICS

PART –A

1. Classify traumatic injuries of teeth. Write about management of Root fractures=9m

Write Short Notes= 4x4=2. Tanaka Johnson analysis 3. Wright's classification of child behaviour

4. Distal shoe space maintainer 5. Formocresol Pulpotomy

Write Brief Notes On:= 5x2=10m=6. Flush Terminal Plane 7. Id 8. Duraphat 9. Keyes triad

10. Hank's Balanced Salt Solution (HBSS)

PART - B

11. Classify behaviour management techniques. Explain how you would manage a 5 ½ year old boy exhibiting temper tantrums=11m

Write Short Notes On:= 4x4=16m=12. Glass ionomer cements 13. Acidogenic theory

14. Medical immobilization 15. Classical conditioning

Write Brief Notes On:= 5x2=10

16. Maternally derived streptococcus mutans disease 17. Define early childhood caries

18. Bitewing Radiographs 19. Enamel Hypoplasia 20. Sodium Fluoride

415A-OR-FINAL B.D.S DEGREE EXAMINATION –OCTOBER, 2007-PEDODONTICS

Part-A

1. Define conscious sedation. Describe in detail the nitrous oxide-oxygen sedation procedure =9m

Write short notes on: 4 x 4 =16m; 2. Id. Ego and Super ego 3. Correction of anterior cross bite

4. Early and late mesial shift 5. Moyers mixed dentition analysis

Write briefly on: 5 x 2 =10m; 6. Natal teeth 7. Voice control 8. Midline diastema 9. Bruxism 10. Autism

Part-B

11. Classify space maintainers. Write an appropriate treatment planning for a child aged 5 years with loss of all the four primary first molars=9m

Write short notes on: 4 x 4 =16m; 12. Calcium Hydroxide 13. Pedodontic treatment triangle

14. Preventive resin restorations 15. Dental Home

Write briefly on: 5 x 2 =10m; 16. Strip crowns 17. Turner's Tooth 18. Define habit and rampant caries

19. Anticipatory guidance 20. Formocresol

APRIL, 2007

PART -A

1. Describe the role of topical fluorides in prevention of dental caries. 10

2. Write short notes: 6x5=a) Natal and neonatal teeth b) Mouth breathing c) Lingual arch space maintainer

d) Tetracyclins e) Cavity varnish f) Tongue blade therapy

PART - B

3. Describe oral habits ? Classify them ? Describe the effects of thumb sucking.

4. Write short notes on: 6x5=a) Down syndrome b) Eruption Hematoma c) Fluoride varnishes

d) Fractures of anterior teeth (as per Ellis and Davis)

e) Distal step, mesial step and flush terminal plane f) Tell show do

OCTOBER-2006 – N.R.

Part-A

1. Describe the management of deep carious lesion of tooth No.46 in seven year old child=9m

2. Write short notes on: 4 x 4 =16m; a) Operant conditioning b) Tooth colored restorations

c) Brushing and flossing for children d) Removable space maintainers

3. Write short notes on: 5 x 2 =10m; a) Mulberry molars b) Reinforcers c) Natal and neonatal teeth

d) Ellis class 5 injury e) Tongue blade therapy

Part-B

4. Discuss recent concepts on interceptive orthodontics for children=9m

5. Write short notes on: 4 x 4 =16m; a) Dental management of child with epilepsy

b) Anomalies of the number of teeth c) Ellis and Davey classification d) Fluoride varnishes

6. Write briefly on: 5 x 2 =10m; a) Primary molar occlusions b) Turner's hypoplasia

c) Formocresol d) Clotrimazole e) Premedication

APRIL-2006 (N.R.)

Part-A

1. Discuss history taking, clinical examination and diagnosis of trauma to anterior teeth=9m

2. Write short notes on: 4 x 4 =16m; a) Transient Malocclusion

b) Applied Morphology of primary and permanent molar teeth

c) Zones of dental caries in enamel and dentin d) Acute necrotizing ulcerative gingivitis

3. Write briefly on: 5 x 2 =10m; a) Definitions of Handicapped child b) Gemination and fusion

c) Superego d) Young's Rule e) Ataxia

Part-B

4. Discuss the role of learning theories in management of children in dental office=9m

5. Write short notes on: 4 x 4 =16m; a) Preventive Resin Restorations b) Indirect Pulp Capping

c) Bitewing Radiography for children d) Cross Bite in Anterior Teeth

6. Write briefly on: 5 x 2 =10m; a) De emphasis b) Palliatives c) Proximal slicing of primary teeth

d) Intrusive luxation e) Non accidental injury

OCT./NOV.2005 (N.R)

Part-A

1. Define handicap child. How will you manage a physically handicapped child in your dental clinic =9m
2. Write short notes on: 4 x 4 =a) Pulpectomy b) Mumps c) Tongue Thrusting d) Space retainer
3. Write short notes on: 5 x 2 =10marks; a) Eruption Cyst b) Tell Show Do (TSD)
c) Chronology of Primary Teeth d) Midline diastema e) Early childhood caries

Part-B

4. Classify traumatic injuries to anterior teeth. Briefly explain the treatment for coronal fracture involving dental pulp =9marks
5. Write short notes: 4 x 4=a) Natal and Neonatal teeth b) Mouth breathing c) Nursing bottle caries
d) Glass ionomer cements
6. Write briefly on: 5 x 2 =10marks; a) Teething disorders b) Leeway space c) Fusion and germination
d) Ankylosis e) Teeth present in the jaw at birth

MAR/APR.2005

Part-A

1. Describe psychological development of child from birth through adolescence =9marks
2. Write short notes on: 4 x 4 =16marks; a) Obturating materials for primary teeth
b) Inferior alveolar nerve block in a 5 years old child c) Normal cure d) Audio Visual aids
3. Write briefly on: 5 x 2 =10marks; a) Talon's cusp b) Clinical features of juvenile periodontitis
c) Tongue blade therapy d) Bredevold solution e) Dental flossa

Part-B

4. Define rampant caries, describe the etiology, clinical features and management of the same =15marks
5. Write short notes on: 4 x 4 =16marks; a) Hormones influencing growth b) Indications of serial extractions
c) Pit and fissure sealants d) Incisal labiality
6. Write briefly on: 5 x 2 =10m; a) Vestibular Screen b) Dilanten Sodium c) Eruption Gingivitis
d) Fenestration e) Twinning

OCTOBER, 2004.

Part-A

1. Define and classify space maintainers. Write in detail about distal shoe space maintainer.=9m
2. Write short notes on: 4 x 4 =16marks; a) Stainless steel crowns b) Formacresol pulpotomy
c) Ugly duckling stage d) Fear
3. Write briefly on: 5 x 2 =10marks; a) Gumpads b) Oedipus conflict and Electra conflict
c) Incisal liability d) Bitewing Radiograph e) Thumb sucking

Part-B

4. What is the difference between Apexogenesis and Apexification ? Explain in detail =9marks
5. Write short notes on: 4 x 4 =16marks; a) Dento alveolar abscess b) Glass ionomer cements
c) Pulp vitality tests d) Mamelons
6. Write briefly on: 5 x 2 =10marks; a) Eruption Gingivitis b) Mesiodens
c) Intrinsic stains d) Turner's Hypoplasia e) Cavity Varnish

APRIL, 2003 (NEW REGULATIONS)

Part-A

1. Classify Periodontal diseases in children and adolescents. Discuss localized aggressive periodontitis=9
2. Write short notes on: 4 x 4 -a) Gum pads b) Mouth breathing c) Retraining d) Stainless steel crows
3. Write briefly on: 5 x 2 =10m a) Pink tooth b) Electrosurgical pulpotomy
c) Nerve supply of tooth No.26 (FDI) d) Thixotropic gel e) Natal teeth

Part-B

4. Enumerate various pulpal therapy procedures. Discuss apexification procedure and the type of apex closure with the same. =9marks
5. Write short notes on: 4 x 4 =16m a) Atraumatic restorative technique (ART) b) Sugar substitutes
c) Radiation protection for child patient d) Athetosis
6. Write briefly on: 5 x 2 =10m a) Oedipus complex b) Canine relationships
c) Indications of band and loop space maintainer d) Critical periods e) Scope of pedodontics

MARCH/APRIL, 2003 (OLD REGULATIONS)

Part-A

1. Classify periodontal disease in children and adolescents. Discuss localized aggressive periodontitis. =10m
2. Write short notes on: 6 x 5 - a) Gumpads b) Mouth breathing c) Retraining d) Stainless steel crows
e) Electrosurgical pulpotomy f) Natal teeth

Part-B

1. Enumerate various pulpal therapy procedures. Discuss apexification procedure and the type of apex closure with the same =10marks
2. Write short notes on: 6 x 5 - a) Atraumatic restorative technique b) Sugar substitutes

- c) Radiation protection for child patient d) Athetosis e) Canine relationships f) Scope of pedodontics

(Old Regulations) - OCTOBER, 2002

Part-A

1. Describe the role of systemic fluorides in prevention of dental caries =10marks
2. Write short notes on: 6 x 5 - a) Poly Carboscylate crowns b) Teeth present in the jaw at birth
c) Formacresol Vs. gluteral dehyde d) Tunnel preparation e) Physical restraints f) Stainless steel crowns

Part-B

3. Define Pedodontics? Scope and importance of Pedodontics =10marks
4. Write short notes on: 6 x 5 =30m a) Delayed eruption of teeth b) Modelling c) Teething disorders
d) Fit and fissure sealants e) Pulp capping f) Supernumerary teeth

(OLD REGULATIONS) - 16th APRIL, 2001.

Part-A

1. Discuss various behavioral management of a 4 year old child throwing temper-tantrums =10marks
2. Short Notes: a) Gluteral dehyde b) Polycarbonate crowns c) Glass-Ionomer cements d) Leeway space
e) Distal shoe space maintainer f) Keye's triad =6x5=30marks

Part-B

3. Classify the injuries to anterior teeth (any one classification) and discuss in detail the management of traumatized permanent central incisor in a 7 year old child with pulpal involvement =10marks
4. Short Notes: a) Thumb sucking b) Fluoride mouthwashes c) Primate spaces d) Enamel hypoplasia
e) Dentin bonding agents f) Ugly duckling stage =6x5=30marks

18th OCTOBER, 2000.

Part-A

1. What are different handicapping conditions? Discuss clinical features, and problems in the management of a child with cerebral palsy =10marks
2. Short Notes: a) Tell-Show-Do b) Compomers c) Band and Loop space maintainer
d) High copper amalgam e) Cerebral palsy f) Sugar substitutes =6x5=30marks

Part-B

3. Define 'diet' and 'nutrition' Discuss the role of dietary carbohydrates in dental caries formation =10marks
4. Short Notes: a) Fluoride varnish b) Synder test c) Dens-in-denta d) Voice control
e) Management of Ellis Class-II fracture f) Importance of first permanent molar =6x5=30marks

PEDODONTICS WITH PREVENTIVE DENTISTRY (OLD REGULATIONS) - APRIL, 2000.

Part-A

1. What are the fissure sealants? Enumerate in detail their importance, indications, contra-indications and their method of application =10marks
2. Short Notes: a) Pulp capping agents b) Aperification c) Ugly suckling stage d) Staining of teeth
e) Modelling f) Importance of Dental Health Education =6x5=30marks

Part-B

3. What is behavior management? How will you manage a fearful child of two years, using different behavior modification techniques =10marks
4. Short Notes: a) Fluoride varnishes b) Role of Tooth brushes c) Masochistic habits
d) Baby Bottle syndrome e) High copper alloys f) Acute Herpetic Gingivostomatitis =6x5

PEDODONTICS - 13th OCTOBER, 1999.

Part-A

1. Define Pulpotomy. Give indications and contra-indications. Describe histological picture of the dental pulp after a glutaraldehyde Pulpotomy. Why is glutaraldehyde preferred over formocresol, for the same
2. Short Notes: a) Teething b) Diazepam c) Starnous fluoride d) Indirect pulp capping
e) Aversive conditioning f) Periodontium in children =6x5=30marks

Part-B

1. Define Dentrifice. Give composition of the same. Discuss mechanical & chemical methods of plaque control
2. Short Notes: a) Band and loop space maintainer b) Tooth numbering systems c) Nursing caries
d) Herpetic gingivitis e) Down's syndrome f) Herpetic gingivitis =6x5=30marks

PEDODONTIAL WITH PREVENTIVE DENTISTRY - 15th APRIL, 1999.

Part-A

1. Define and classify fear. Describe the methods of management of child in dental office =10marks
2. Short Notes: a) Space management b) Isolation c) Mouth Protectors d) Sampling methods
e) Evaluation f) Pulp capping agents =6x5=30marks

Part-B

3. Define and classify oral habits. Describe the management of mouth breathing and thumb sucking =10m
4. Short Notes: a) Rules governing caries indices b) Measles c) Mass media d) Caries susceptibility tests
e) Sweet Formacresol Pulpotomy f) Ugly duckling stage =6x5=30marks

PEDODONTIA - 15th APRIL, 1999.

Part-A

1. Classify Traumatic injuries to Anterior teeth (Ellis). A 7 and half year old child reports with trauma to the permanent left maxillary central incisor or sustained while playing. Pulpal exposure is evident, clinically. Discuss line of treatment=10m
2. Short Notes: a) Lincoxide Eugenol cement b) Sodium Fluoride c) Thumb sucking habit d) Spider's test
e) Nitrous-oxide oxygen Analgesic f) Aperiogenesis =6x5=30marks

Part-B

3. Define Pit and Fissure sealants. Discuss evolution of the same. Discuss steps involved in the procedure and justify each in brief =10marks
4. Short Notes: a) Intrinsic stains b) Chronology of eruption c) Amelogenesis Imperfecta d) TSD
e) Serial extraction f) Fluoride varnishes =6 x 5 =30marks

(OLD REGULATIONS) - 14th OCTOBER, 1998.

Part-A

1. Describe the Psychological development of child from birth to Adolscnt =10marks
2. Short Notes: a) Indirect pulp capping b) Bitewing Radiographs c) Sequence of Eruption of Permanent teeth
d) Space Regainer e) Matrices used in Pediatric dentistry f) Path finder survey =6x5=30m

Part-B

3. Define Rampant caries? How will you manage the same =10marks
4. Short Notes: a) Ellis classification of fracture of anterior teeth b) Leeway space c) Submerged teeth
d) Levels of prevention e) Normal distribution f) Self correcting anomalies =6x5

(NEW REGULATIONS) - 14th OCTOBER, 1998.

Part-A

1. Discuss the causes of pain in children and write the methods and agents for controlling fear and pain in child dental patient=10marks
2. Short Notes: a) Specific effects of premature tooth loss b) Apexification c) Fissure sealants
d) Ugly duckling stage e) Glassionomer cement
f) General principles of periodontal conditions in children =6x5=30marks

Part-B

3. Classify cleft lip palate. Write briefly their pathogenesis, epidemiology, etiology and dental treatment =10
4. Short Notes: a) Down's syndrome b) Amelogenesis imperfecta c) Oral guards d) AIDS in children
e) Forces method of tooth brushing f) Erythroblastosis foetalis =6x5=30marks

APRIL, 1998.

Part-A

1. What are the indications for space maintainers and describe briefly the various types of the same =10mark
2. Short Notes: a) Tooth brushing technique in children b) Mouth Breathing c) A.P.F.Gel
d) Parent counseling e) Splints f) Nursing Bottle caries =6x5=30marks

Part-B

3. A 9 year old child sustained fracture of upper right central incisor. The fracture involved enamel and endentine but without pulp exposure. Discuss your immediate, intermediate and permanent treatment for the patient =10marks
4. Short Notes: a) Tongue thrusting b) Ugly duckling stage c) Calcium Hydroxide d) Pit & Fissure sealant
e) Pigmentation in tetracycline therapy f) Bite-wing radiographs =6x5=30marks

OCTOBER, 1997.

Part-A

1. Discuss in detail the use of systemic fluorides for the prevention of Dental caries in children =10marks
2. Short Notes: a) Glass Ionomer cements b) Caries activity tests c) Importance of deciduous dentition
d) Fear in Pedodontia e) Child abuse =5x5=25marks

Part-B

3. A child of 6years has an abscess associated with lower left first deciduous molar, which is non vital. The second deciduous molar on the same side has a vital carious exposure. Discuss your line of treatment =10
3. Short Notes: a) Prophylactic odontomy b) Teething c) Juvenile periodontitis d) Apexification

e) Primary prevention

f) Occlusion in deciduous dentition =6x5=30marks

APRIL, 1997.

Part-A

1. Describe the role of Tropical Fluorides in prevention of Dental caries =10marks
2. Short Notes: a)Modelling b)Pedodontic Triangle c)Natal, neonatal Teeth d) Physical Restrains
e) Panel discussion

Part-B

3. Class II Amalgam restoration is a failure in primary second molar – Discuss =10marks
4. Short Notes: a) Measures of Central Tendency b) Path finder survey c) Askou Dental Health Education
d) Tongue Blade therapy e) Stainless steel crowns f) Thumsucking =6x5=30marks