

Q.P.CODE: 430/410

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

BDS DEGREE EXAMINATION – JULY/AUGUST, 2017

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

CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Classify composite resins. Discuss the composition and methods to reduce the polymerization shrinkage 2+3+4=9

- 2) Enumerate the various root canal irrigants. What are the functions of irrigants? Write in detail on chlorhexidine and sodium hypochlorite as intra canal irrigants. 3+2+2+2=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Zones of dentinal caries
- 4) Bur design
- 5) Self threading pins
- 6) Mercury hygiene recommendations in dental office
- 7) Composition and uses of mineral trioxide aggregate
- 8) Vitality tests
- 9) NiTi files
- 10) Management of root fractures

WRITE BRIEFLY ON:

10x2=20

- 11) Acid etching
- 12) Sectional matrix system
- 13) Localized shrinkage porosity
- 14) Rubber dam clamps
- 15) Objectives of interim restorations
- 16) Pink Tooth
- 17) Hemisection
- 18) Root end filling materials
- 19) Carbamide peroxide
- 20) Uses of lasers in endodontics

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BDS DEGREE EXAMINATION – JANUARY, 2017

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

CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

21) Define dentinal hypersensitivity. Explain the hydro dynamic theory. Discuss the various treatment options for dentinal hypersensitivity. 2+3+4=9

22) What are the ideal requirement of intra canal medicament? Describe briefly the various medicaments used during root canal treatment. Explain triple and poly antibiotic paste. 2+4+3=9

WRITE SHORT NOTES ON: 8x4=32

- 23) Flap designs for endodontic surgery.
- 24) Classify diseases of the pulp and periapical tissues
- 25) Step back technique
- 26) Perforation and its management.
- 27) Classification and uses of matrices and retainers
- 28) Dentin bonding agents
- 29) Gingival tissue retraction
- 30) Discuss casting defects

WRITE BRIEFLY ON: 10x2=20

- 31) Composition of Gutta Percha
- 32) Retrograde filling materials
- 33) Zones of a periapical lesion
- 34) Ingle's method of working length determination
- 35) Electric pulp test
- 36) Noy's principles
- 37) Caries detecting dyes
- 38) Light curing units
- 39) Abfraction
- 40) Angle former

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CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 41) Define Dental Composite Resin. Mention the composition and classification of composites. Discuss in detail the clinical management of class II incisal fracture of upper right central incisor using Composite Resin. 2+2+2+3=9

- 42) What are the various Endodontic Emergencies? Write about the signs, symptoms, diagnosis and management of acute alveolar abscess. 5+4=9

WRITE SHORT NOTES ON:

8x4=32

- 43) Bonded amalgam restorations
- 44) Bur design
- 45) High copper Amalgam
- 46) Grasps and rests
- 47) Rubber Dam
- 48) Management of Avulsed tooth
- 49) Rationale of Endodontics
- 50) Errors in cleaning and shaping of the root canal system

WRITE BRIEFLY ON:

10x2=20

- 51) Mercury toxicity
- 52) Types of Gold foil
- 53) Pulp capping
- 54) Instrument formula
- 55) Self etch primers
- 56) Incision and drainage
- 57) Radio Visiography
- 58) Sodium perborate
- 59) Masserann kit
- 60) Glass bead sterilizer

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BDS DEGREE EXAMINATION – JANUARY, 2016
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

61) Describe in detail class II cavity preparation for amalgam restorations and its modifications. $5+4=9$

62) Write about Standardization of Root Canal Instruments. Write indications, advantages and procedure of Step-back of preparation of root canals. $3+1+1+4=9$

WRITE SHORT NOTES ON:

$8 \times 4 = 32$

- 63) Speeds in operative dentistry
- 64) Enameloplasty
- 65) Intra Canal Medicaments
- 66) Pins in Amalgam Restorations
- 67) Sandwich Technique
- 68) Night guard Vital Bleaching
- 69) Pulpotomy
- 70) Flap designs used in Endodontic Surgery

WRITE BRIEFLY ON:

$10 \times 2 = 20$

- 71) K- File
- 72) Bicuspidization
- 73) Pickling
- 74) Flowable Composites
- 75) Tarnish and Corrosion
- 76) Peeso Reamers
- 77) Cavity Varnish
- 78) Delayed Expansion
- 79) Mineral Trioxide Aggregate
- 80) Resin Modified Glass ionomer cements

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008
BDS DEGREE EXAMINATION – JULY / AUGUST, 2015
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

81) Describe the composition of Composite resins and discuss in detail the recent advances in composite resin. 3+6=9

82) Discuss various methods of isolation and discuss Rubber Dam in detail. 4+5=9

WRITE SHORT NOTES ON: 8x4=32

- 83) Tooth Hypersensitivity
- 84) Smear layer
- 85) Lateral compaction technique of obturation
- 86) Bevels
- 87) Apex locators
- 88) Buccal object rule
- 89) Tooth separators
- 90) Sodium hypochlorite

WRITE BRIEFLY ON: 10x2=20

- 91) Trituration
- 92) Recapitulation
- 93) Phoenix abscess
- 94) Rake angle
- 95) TMS (thread mate system)
- 96) H - files
- 97) Superoxol
- 98) Reverse curve
- 99) Degassing
- 100) Gates glidden drills

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**BDS DEGREE EXAMINATION – JANUARY, 2015
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
CONSERVATIVE DENTISTRY AND ENDODONTICS**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

101) Discuss in detail composition and manipulation of Silver Amalgam. Add a note on high Copper Amalgam. 3+2+4=9

102) Classify different obturation techniques. Explain thermoplasticized gutta percha technique. 4+5=9

WRITE SHORT NOTES ON: 8x4=32

- 103) Resistance form in cavity preparation
- 104) Zones of enamel caries
- 105) Four unit instrument formula. Give examples
- 106) Indications and contraindications for inlays and onlays
- 107) Ingle's method of working length determination
- 108) Indications and procedure of intentional reimplantation
- 109) Intra canal medicaments
- 110) Night guard bleaching

WRITE BRIEFLY ON: 10x2=20

- 111) Zsigmondy – Palmer system
- 112) Functions of matrix bands
- 113) Classification of pulp protective agents
- 114) Amalgam tattoo
- 115) Advantages and disadvantages of high speed
- 116) Parts of rubber dam
- 117) Balanced force technique
- 118) Clinical features and management of reversible pulpitis
- 119) AH Plus sealer
- 120) Test Cavity

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**BDS DEGREE EXAMINATION – JULY, 2014
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
CONSERVATIVE DENTISTRY AND ENDODONTICS**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 1) Enumerate the stages and steps in cavity preparation. Explain outline form, resistance and retention forms in cavity preparation. 3+2+2+2=9

- 2) Classify resorption. Discuss the etiology, clinical features and management of external cervical root resorption. 2+2+2+3=9

WRITE SHORT NOTES ON:

8x4=32

- 3) Methods for diagnosis of dental caries
- 4) Universal matrix system
- 5) Hybrid layer
- 6) Porosities in dental castings
- 7) Chronic hyperplastic pulpitis
- 8) Walking bleach technique
- 9) Warm vertical condensation
- 10) Apex locators

WRITE BRIEFLY ON:

10x2=20

- 11) Acid etching
- 12) Amalgapin
- 13) Abfraction
- 14) Mouth mirror
- 15) Electraloy
- 16) Advantages of dental operating microscopes
- 17) Cavitation and acoustic streaming
- 18) Transport medium for avulsed tooth
- 19) Bicuspidization
- 20) Gates Glidden Drills

**BDS DEGREE EXAMINATION – JANUARY, 2014
FIFTH (NR) & FINAL BDS EXAMINATION (OR & NR)
CONSERVATIVE DENTISTRY AND ENDODONTICS**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

- 21) Enumerate the causes of discoloration of teeth and write about the treatment options for discolored anterior teeth. **4+5=9**

- 22) Classify amalgam alloys, write the role of each ingredient and add a note on non gamma 2 alloys. **2+4+3=9**

WRITE SHORT NOTES ON:

8x4=32

- 23) Calcium Hydroxide
- 24) Ni-Ti files
- 25) Rationale of endodontics
- 26) Post and core
- 27) Tarnish and corrosion
- 28) Packable composites
- 29) EPT (electric pulp test)
- 30) Non radiographic methods of working length determination

WRITE BRIEFLY ON:

10x2=20

- 31) Burnishing
- 32) Coupling agents
- 33) Wedging techniques
- 34) Chlorhexidine
- 35) Step back technique
- 36) Gutta-percha
- 37) Hemisection
- 38) Fillers used in composite resins
- 39) Slow speed
- 40) Composition of GIC

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**BDS DEGREE EXAMINATION – JANUARY/FEBRUARY, 2013
FOURTH (NR) & FINAL BDS EXAMINATION (OR & NR)
FIFTH BDS EXAMINATION (NR)
CONSERVATIVE DENTISTRY AND ENDODONTICS**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

Describe briefly different obturation techniques? Add a note on materials used for obturation. 6+3=9

Discuss the causes of failures of Amalgam restorations and how do you manage them clinically. 6+3=9

WRITE SHORT NOTES ON: 8x4=32

Glass bead sterilizer
Electric pulp tester
Apexification
Intra oral Radiograph in endodontics – Mention their uses
Hand cutting instruments
Hypersensitivity of Dentine - Management
Single visit Root canal therapy - advantages
Replantation

WRITE BRIEFLY ON: 10x2=20

Autoclave
Rubber Dam
Smear Layer
Reverse Bevel
Nano composite restoration - advantages
Uses of M.T.A.
Sterilization of endodontic instruments
Bilayered Restoration
G.M.T. Chlorhexidine

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**BDS DEGREE EXAMINATION – AUGUST, 2013
FINAL BDS EXAMINATION (OR & NR)
FIFTH BDS EXAMINATION (NR)
CONSERVATIVE DENTISTRY AND ENDODONTICS**

Time : 3 Hours

Max. Marks : 70

Note : Answer all questions.

1) Discuss the importance of isolation and various methods used to achieve the same 2+7=9

2) An 18 years old patient reports to the clinic with a fracture of maxillary central incisor involving dentine. Trauma happened one month back, discuss your treatment options. 9

WRITE SHORT NOTES ON: 8x4=32

- 3) Bonding agents
- 4) Mercuroscopic expansion
- 5) Reversible Pulpitis
- 6) Balanced force technique
- 7) Thermo plasticized obturation
- 8) Zinc Polycarboxylate cement
- 9) Bevels and Flares
- 10) Endo-perio lesions

WRITE BRIEFLY ON: 10x2=20

- 11) Apexogenesis
- 12) Functions of matrix retainer
- 13) Hydrogen Peroxide
- 14) Iontophoresis
- 15) Rake angle
- 16) Disposal of scrap Amalgam
- 17) Resin matrix in restorative resin
- 18) Modulus of elasticity
- 19) Phoenix Abscess
- 20) Porosities in casting

410/430-FINAL BDS DEGREE EXAMINATION – AUGUST, 2013- (OR & NR)
FIFTH BDS EXAMINATION (NR)-CONSERVATIVE DENTISTRY AND ENDODONTICS

Time : 3 Hours-Max. Marks : 70-Answer all questions.

- 1..Discuss the importance of isolation and various methods used to achieve the same=2+7=9m
- 2..An 18 years old patient reports to the clinic with a fracture of maxillary central incisor involving dentine. Trauma happened one month back, discuss your treatment options=9m

Write Short Notes On: 8 x 4 =32m

3. Bonding agents 4. Mercuroscopic expansion 5. Reversible Pulpitis 6. Balanced force technique
7. Thermo plasticized obturation 8. Zinc Polycarboxylate cement 9. Bevels and Flares
10. Endo-perio lesions

Write Briefly On: 10 x 2=20m

11. Apexogenesis 12. Functions of matrix retainer 13. Hydrogen Peroxide 14. Iontophoresis
15. Rake angle 16. Disposal of scrap Amalgam 17. Resin matrix in restorative resin
18. Modulus of elasticity 19. Phoenix Abscess 20. Porosities in casting

410/430-FINAL (OR & NR) BDS DEG. EXAMINATION – JANUARY/FEBRUARY, 2013

Conservative Dentistry And Endodontics-Time : 3 Hours-Max. Marks : 70-Answer all questions.

- 1..Describe briefly different obturation techniques? Add a note on materials used for obturation=6+3=9m
2. Discuss the causes of failures of Amalgam restorations and how do you manage them clinically=6+3=9m

Write Short Notes On: 8 x 4=32m

3. Glass bead sterilizer 4. Electric pulp tester 5. Apexification
6. Intra oral Radiograph in endodontics – Mention their uses 7. Hand cutting instruments
8. Hypersensitivity of Dentine – Management 9. Single visit Root canal therapy - advantages
10. Replantation

Write Briefly On: 10 x 2=20m

11. Autoclave 12. Rubber Dam 13. Smear Layer 14. Reverse Bevel
15. Nano composite restoration – advantages 16. Uses of M.T.A.
17. Sterilization of endodontic instruments 18. Bilayered Restoration 19. G.M.T. 20. Chlorhexidine

410/430-FINAL (OR & NR) BDS DEGREE EXAMINATION – AUGUST, 2012

Fourth (nr) & final bds examination (or & nr)-fifth bds examination (nr)

- 1..Classify Silver Alloys. Give the role of each ingredient of silver alloy. Add a note on Zinc free alloys
2. Discuss the aetiology, Clinical features and treatment of acute apical abscess.

Write short notes on: 8 X 4=32m

3. Tarnish and corrosion 4. Classification of endodontic instruments
5. Pulpotomy 6. Control of pain during cavity preparation 7. Instrument formula
8. Separators 9. Acid etch technique 10. Rationale of Endodontics

Write briefly on: 10 x 2=20m

11. Pickling 12. Superoxol 13. Give composition and objectives of varnishes
14. Modified glass ionomer cements 15. Reversible and irreversible pulpitis - Differences
16. Ni – Ti Files 17. Matrices and Retainers 18. Post and Core
19. Differences between Internal and External Resorption 20. Hemi section

430-FIFTH BDS (N.R.) DEG. EXAMINATION – MARCH, 2012-Conservative Dentistry And

- 1..Discuss the importance of Isolation and various methods used to achieve the same=9m
2. Classify the techniques for root canal preparation. Discuss “Crown down technique”=9m

Write short notes on: 8 x 4=32m

3. Steps in cavity preparation 4. Gutta Percha 5. Bur design
6. Degassing direct gold 7. Wedges 8. Sodium hypochlorite
9. Vital Bleaching 10. Glass bead sterilizer

Write briefly on: 10 x 2=20m

11. Reverse bevel 12. Sprue former 13. Design of Auto matrix
14. Effects of acid etching on enamel and dentin 15. Zinc free amalgam
16. Composition of Grossman's sealer 17. Apex locators-generations
18. Cross section of Reamer and file 19. Nerve fibers of pulp 20. Diagnosis of chronic irreversible pulpitis

410-FINAL (O.R.)BDS DEGREE EXAMINATION – JANUARY, 2012-Conservative Dentistry

- 1..Define cavity. Discuss the factors affecting retention and resistance form of class II cavity prepared for dental amalgam restoration=9m
- 2..Enumerate various methods of root canal obturation. Write briefly criteria for obturation. Describe thermoplasticized method of root canal obturation=9m

Write short notes on: 8 x 4=32m=3..Delayed expansion 4..Hedstrom files
 5..Difference between visible light and ultra violet light cure composite 6..Bevels
 7..Step-back technique 8..Irrigation solutions 9..Pulp vitality tests 10..Uses of calcium-hydroxide
 Write briefly on: 10 x 2 =20m=11.Pin-retained restoration 12.Matrices and Retainers
 13.Importance of Isolation in dentistry 14.Smear layer 15.Properties of Inlay Wax 16.Walking Bleach
 17.High copper Amalgam alloys
 18.Classification of fractured teeth 19.Causes of dis-coloration of teeth 20.Apexification

410-FINLA BDS DEG. EXAMINATION – JULY, 2011-CONSERV. DENTISTRY & ENDO.

- 1..Management of discolored teeth=9m 2..Root canal sealers=9m
- Write Short Notes On: 8 X 4 =32m=3. Cervical lesions 4. Interim restorations
 5. Direct filling gold 6. Define and classify caries. Add a note on diagnosis of caries
 7. Vertical root fractures 8. Access cavity in Mandibular permanent first molar
 9. Rationale of Endodontics 10.Root end Resection and preparation

Write Briefly On: 10 x 2 =20m

11. Col 12. Abfraction 13. Sandwich Technique 14. Contact and Contours
15. 245 Bur 16. Hot air oven 17. Phoenix Abscess 18. Ledging
19. Test cavity 20. Endo-Osseous Implants

410-FINAL BDS DEGREE EXAMINATION – FEBRUARY, 2011-CONSERVATIVE

- 1..Classify various methods of isolation and discuss Rubber Dam in detail=3+6=9m
- 2.. Define Endodontic Surgery. Mention Indications and Contra Indications. Add a note on Investigations=2+3+2+2

Write Short Notes On: 8x 4=3..Tooth Hypersensitivity 4..Pin retained restorations
 5..Classify Hand Instruments. Add a note on Nomenclature
 6. Bleaching of Non-vital Teeth 7. Minimal Intervention Dentistry
 8. Management of Perforations

9. Endodontic Microbiology. Add a note on culture techniques 10.Step back technique
 Write Briefly On: 10 x 2=11.Tertiary Dentin 12. Embrasures 13. Carbamide Peroxide
 14. Butt Joint in Amalgam Restorations 15. Universal Operating Position
 16. Hanks Balanced salt solution 17. H-files 18. Zipping
 19.Hemisection 20. Pain Pathway

410-FINAL BDS DEG. EXAM – JULY, 2010-CONSER. DENTISTRY & ENDODONTICS

PART-A

1. Define class II cavity and enumerate the various retention, resistance and convenience forms in a class II restoration=9m

Write Short Notes=4x4=2. Tooth vitality Tests 3. Deep carious lesions 4. G.M.T. 5. Glass Ionomer

Write Briefly On:=5x2=6. Gingival tissue management 7. Non-carious lesions
 8.Bonded amalgam restoration 9.Acid Etching for composite resin restorations 10.Nano Dentistry

PART-B

11. What are the various obturation techniques?Write in Detail about Thermoplasticized techniques.9

Write Short Notes On=4x4=16m

12. Working length Determination 13. Apexogenesis and apexification 14. Radicular cyst 15. Flap Designs
 Write Briefly On:= 5x2=16. Disinfection 17. Thermal pulp Testing 18. Bicuspidization
 19. Pulp Stones 20. Endodontic Emergencies

410-FINAL BDS DEG. EXAM-FEBRUARY, 2010-CONSER. DENT & ENDODONTICS.

PART-A

1. Discuss in detail manipulation of silver amalgam. Add a note high copper amalgam=9m.
Write Short Notes On=4x4=16m=2. Pins in amalgam restoration 3. Porosity in casting
4. Discuss hand cutting instruments used in restorative dentistry 5. Posterior composites
Write Briefly On:= 5x2=10m
5. Tunnel preparation 6. Reverse curve 7. Mat Gold 8. Dental Bur 9. Tarnish and corrosion

PART-B

10. Discuss various diagnostic aids in endodontics=9m
Write Short Notes On=4x4=16m
11. Intra canal medicaments 12. Indications for periapical surgery and add a note on flap designs.
13. Ideal requirements of root canal sealer. Add a note on AH 2 14. Lateral condensation technique
Write Briefly On=5x2=15. Walking bleach 16. Calcium Hydroxide
17. Thermo plasticized gutta-percha 18. Apical foramen 19. Pink Tooth

410-FINAL BDS DEG. EXAM – AUGUST, 2009-CONSER. DENTISTRY & ENDODONTICS

Answer all questions.

PART-A (35 MARKS)

1. Define retention form. Discuss various methods of retention form in cavity preparation=9M
Write Short Notes On: 4 X 4=16m
2. Define matrix. Discuss different types of matrices 3. Contacts and contours
4. Composites 5. Dentin bonding agents

Write Briefly On: 5 X 2 =10m

6. Spoon excavator 7. Air abrasion 8. Rubber Dam 9. Rake angle 10. CAD CAM

PART-B(35 MARKS)

11. What are various root canal irrigants? Write in detail requirement & technique of irrigation=9m
Write Short Notes On: 4 X 4=16m
12. Balanced force technique 13. Vital and nonvital bleaching techniques
14. Retrograde filling materials 15. Irreversible pulpitis

Write Briefly On: 5 X =10m

16. Apexification 17. Root resorption 18. Glass bead sterilizer 19. Test cavity 20. Pulpotomy

410-FINAL BDS DEGREE EXAMINATION – MARCH, 2009-CONSERVATIVE

PART –A

1. Discuss merits and demerits of glass ionomer cement & its application in restorative dentistry=9
Write Short Notes On: =4x4=16m=2. Casting defects 3. Hypersensitivity of dentin
4. Self etching primers 5. Gingival marginal trimmer
- Write Briefly On:= 5X2=10m=6. Pit & Fissure sealants 7. Retention form in amalgam cavities
8. Cavity varnish 9. High copper amalgam 10. Abfraction

PART-B

11. Mention various techniques of root canal preparation. Discuss about step back technique=9m
Write Short Notes On: 4x4=16m=12. Obturating materials 13. Management of avulsed teeth
14. Rationale of endodontics 15. Vital bleaching technique
- Write Briefly On:= 5x2=10m=16. Bicuspidisation 17. Indirect pulp capping
18. Sodium hypochlorite 19. Radio visiography 20. Phoenix abscess

410-Final BDS DEGREE EXAMINATION – AUGUST/SEPTEMBER, 2008..

PART –A

1. Discuss the importance of isolation and various methods used to achieve the same=9m
Write Short Notes On=4X4=16m=2. Bevels 3. Significance of gingival seat in class II Cavity
4. Pain control during operative procedures 5. Condensation of amalgam
- Write Briefly On=5X2=10m=6. Delayed expansion 7. Tarnish and corrosion
8. Enumerate generations of bonding agents 9. Investment material 10. Bases & liners

PART-B

11. Classify stains. Discuss various techniques for vital bleaching=9m

Write Short Notes On:= 4x4=16m=12. Reimplantation 13. Apexogenesis and apexification

14. Indications & contraindications of pulpotomy 15. Medicaments used in endodontics

Write Briefly On:= 5x2=10m=16. Endosonics 17. Smear layer 18. Apical matrix

19. Hot salt sterilizer 20. Significance of accessory canals

410-FINAL BDS DEG, EXAM-MARCH, 2008-CONSERVATIVE DENTISTRY

PART -A

1. Give the differences in cavity preparation for class II silver amalgam and gold alloy inlay=9m

Write short notes on:= 4x4=16

2) Calcium Hydroxide 3) Contact point 4) Acid etch technique 5) Hand cutting instruments

Write briefly on:=5x2=10

6. Wedges 7. Smear layer 8. Burnishing of amalgam 9. Sprue former 10. High copper alloy

PART - B

11. Discuss the various difficulties encountered in endodontics and how will you manage them?=9m

Write short notes on:= 4x4=16=12) Recapitulation 13) Walking bleach technique

14. Glass Bead sterilizer 15) Sodium Hypochlorite as a root canal irrigant

Write brief notes on: =5x2=10=16) Hermetic seal 17) Gutta percha points

18) Iontophoresis 19) Speed in Dentistry 20) Rubber dam

410-Nr-Final BDS Deg Exam – October, 2007-Conservative Dentistry And Endodontics-(N.R)

Part-a

1. Discuss in detail the retention and resistance forms of a conventional class II cavity for amalgam restoration

Write= 4 x 4 =2. Bur Design 3. Black's instrument formula 4. Gingival retraction methods 5. Speed in Dentistry

Write brief notes on: 5 x 2 =10m; 6. Post & core 7. Cavity varnish and Cavity liners

8. Pit and fissure sealants 9. Separation of teeth 10. Reverse bevel

Part-B

11. Discuss vital pulp therapy=9m

Write short notes on: 5 x 2 =10m; 12. Access cavity in permanent maxillary first molar

13. Hyper sensitive dentine 14. Root Resection 15. Transposition of canals

Write briefly: 5 x 2 =16. Tarnish & Corrosion 17. Chelating agents 18. Vitality tests 19. Phoenix abscess

20. Pink tooth

APRIL, 2007

PART -A

1. Classify hand cutting instruments. What are the uses of enamel chisels.=9

2. Write short notes on : 4x4=16=a) Treatment of acute pulpitis b) Zinc phosphate cement

c) Management of hypersensitive dentin d) Hybrid composites

3. Write briefly: 5x2=a) Resistance form b) Diagnosis of deep seated caries c) Role of tartaric acid

e) Sprue former f) Effect of xerostomia on teeth

PART - B

4. Enumerate various extirpating instruments for pulp. Describe the role of files and spreaders.

5. Write short notes on: 4x4=16=a) Various obturating techniques of gutta percha

b) External root resorption c) Root fracture and its treatment d) Treatment of avulsed tooth

6. Write briefly on: 5x2=10=a) High copper amalgam b) Various abrasive materials

c) Effect of over obturating root canals. d) Silicate cement e) Hydrogen Peroxide

410-Or-Final B. D. S Degree Exam-April, 2007-Conservative Dentistry Endodontics-(O.R)

PART -A

1. State various steps considered in preparation of class II cavity design for Gold in lay.

2. Write short notes: 6x5 =a) Importance of indirect pattern b) Management of deep carious lesion

c) Separators d) Wedges e) Resistance form f) Convenience form

Part-B

3. Classify various endodontic emergencies. Management of same. 10
4. Write short notes on: 6x5 = 30=a) Ca (OH)₂ in endodontics b) Apical curettage c) Spreaders
d) Vitality tests and its importance e) Sealers f) Gutta percha and its uses

OCTOBER-2006

Part-A

1. State various morphological defects of tooth structure. How will you treat them=9m
2. Write short notes on: 4 x 4 =16m; a) Lasers in Dentistry b) Luting cement
c) High Copper amalgam d) Rotary cutting instrument
3. Write briefly on: 5 x 2 =10m; a) External outline form b) Slow speed c) Toefelmier retainer

Part-B

4. Write various endodontic failures. How will you overcome them? =9m
5. Write short notes on: 4 x 4 =16m; a) MTA b) Internal resorption c) Intentional reimplantation
d) Irrigation in root canal therapy
6. Write briefly on: 5 x 2 =10m; a) Uses of Ca (OH)₂ in endodontics b) Treatment of open apex
c) Smear layer in d) Bleaching agents e) Access opening

APRIL-2006

Part-A

1. Discuss control of pain during operative procedure=9m
2. Short: 4 x 4 =a) Caries activity tests b) Outline form c) Mercury toxicity d) Direct composite veneers
3. Write briefly on: 5 x 2 =10m; a) Causes of intrinsic discoloration of teeth b) Gingival marginal trimmers
c) Wedge d) Uses of Zinc-oxide eugenol cement e) Significance of contacts and contours

Part-B

4. Define intentional Reimplantation. Write the indications, contraindications and technique of Intentional Reimplantation=9m
5. Write short notes on: 4 x 4 =16m; a) Irrigation b) Acute periapical abscess
c) Culture methods in endodontics e) Flap designs in surgical endodontics
6. Write briefly on: 5 x 2 =10m; a) Schilder's technique b) Causes of dentin hypersensitivity
c) Atrophy and Fibrosis of pulp d) 'C' shaped canal configuration e) Sodium hypochlorite

OCT./NOV.2005 (N.R.)

Part-A

1. Discuss the importance of isolation of the operating field and various methods to achieve it in conservative dentistry =9marks
2. Write short notes on: 4 x 4 =a) Sprue and sprue former b) Matrices c) Metallurgy of silver amalgam
d) Causes of wasting diseases of teeth
3. Write briefly on: 5 x 2 =10marks; a) Reverse curve b) Gingival retraction c) Macroabrasion
d) Circumferential tie e) Advantages of Rubber-Dam

Part-B

4. Enumerate indications, contraindications and technique of post and core =9marks
5. Write short notes on: 4 x 4 =16marks; a) Gates Glidden drills b) Phoenix abscess
c) Advantages and disadvantages of NiTi rotary endodontic instruments
d) Role of Ca (OH)₂ in endodontics
6. Write briefly on: 5 x 2; a) Recapitulation b) Pulp vitality tests c) Uses of MTA in endodontics
d) Importance of buccal-object rule in radiographs e) Calcific metamorphosis of pulp

MAR/APR.2005-N.R.

Part-A

1. Discuss status of composite resins as a posterior restorative material =9marks
2. Write short notes on: 4 x 4 =a) Bur design b) Cavity varnishes
c) Management of dentinal hypersensitivity d) Microabrasion
3. Write briefly on: 5 x 2 =10marks; a) Eame's technique b) Types of bevels
c) Pit and fissure sealants d) Chemiclaving e) Separators

Part-B

4. How do you know that the root canal system is ready for obturation? Discuss lateral condensation technique
5. Write short notes on: 4 x 4 = 16 marks; a) Pink tooth b) Apexification and Apexogenesis
c) Anatomy of root canal of maxillary permanent first molar d) Apical matrix
6. Write briefly on: 5 x 2 = 10 marks; a) Disinfectants b) Apex locators c) Barbed broaches
d) Ca(OH)₂ based root canal sealers e) EDTA in endodontics

OCTOBER, 2004.

Part-A

1. Describe the technique of Class II Cavity Preparation for Silver Amalgam in an Upper First Molar. Mention the advantages of High Copper Amalgam = 9 marks
2. Write short notes on: 4 x 4 = 16 marks; a) Management of Hypersensitive Dentine b) Luting Cements
c) Management of Gingival Tissue during operative procedures d) Visible Light cured composites
3. Write briefly: 5 x 2 = 10 marks; a) Convenience Form b) Ultra speed c) Phosphoric Acid d) Sprue Former e) Abfraction.

Part-B

4. Classify Endodontic Instruments. Describe the hand Instruments used for Canal Preparation = 9 marks
5. Write short notes on: 4 x 4 = 16 marks; a) Warm Gutta-percha Technique b) Internal Resorption
c) False positive and False Negative response to Electric Pulp Test d) Replantation of Avulsed Tooth
6. Write briefly on: 5 x 2 = 10 marks; a) Smear layer b) Carbamide Peroxide c) Recapitulation
d) Culture media used in Endodontics e) Endosonics

APRIL, 2003. (N.R.)

Part-A

1. Describe the preparation of class II cavity in a molar for cast gold restoration. = 9 marks
2. Write short (essay): a) Die materials b) Microfilled composites c) Casting machines d) Luting cements
3. Write briefly: 5 x 2 = 10 marks; a) Instrument formula b) Bevels in cavity preparation c) Rapid separators d) High Speed

Part-B

4. Describe the various clinical diagnostic procedures in endodontic clinic = 9 marks
5. Write short (essay): 4 x 4 = 16 marks; a) Working length b) Access cavity c) Bleaching of discoloured vital teeth
d) Root canal sealers.
6. Write short notes on: 5 x 2 = 10 marks; a) Lentolo fillers b) Silver points c) Thermal tests
d) Paper points e) Culture media used in endodontics.

(New Regulations) - OCTOBER, 2002.

Part-A

1. Give indications for Composite Resins. Describe the procedure of restoring fractured incisal angle = 9 marks
2. Write short answers on: 4 x 4 = 16 marks
a) Advantages of High Copper Amalgam b) Instrument Formula c) Cavity Varnish d) Bevels
3. Write briefly: a) Embrasures b) Tunnel Preparation c) Post and Core d) Smear Layer e) Self Shearing Pins

Part-B

4. What do you understand by cleaning & shaping of Root canal? Describe the instruments used for the same = 9 marks
5. Write short answers on: 4 x 4 = 16 marks; a) Ingle's method of determining working length
b) Endodontic Endosseous Implants c) Access Cavity d) Glass bead Sterilizer
6. Write briefly on: 5 x 2 = 10 marks; a) Gates Glidden Drills b) Masseran Kit c) Recapitulation
d) Sodium Hypochlorite e) Grossman's Sealer

OCTOBER 2002 - (OLD REGULATIONS) - Time: 3hrs. Max.Marks: 80

Part-A

1. Mention the various restorative materials used to restore Class-III cavity. Write the clinical procedures of restoration with any one material = 10 marks
2. Write short notes on: 6 x 5 = 30 marks; a) Condensation of direct filling gold b) Contact and contours
c) Mechanical separators d) Reverse Curve e) Amalgapins f) Burnishing of Amalgam Restoration

Part-B

3. Describe pathways of bacterial invasion of the pulp. Explain the clinical features and management of reversible pulpitis. = 10 marks
4. Write short notes on; 6 x 5 = 30 marks; a) Balanced Force Technic b) Ideal requirements of Root canal Sealers
c) Intentional Replantation d) Nickel-Titanium Root Canal Instruments
e) Spreaders & pluggers f) Indications for Retrograde Filling

FINAL B.D.S. - 11th APRIL, 2001.

Part-A

1. Describe the Merits and Demerits of Glass Ionomer cement and applications in Restorative Dentistry =10
2. Short:a)Describe components of Rubber Dam Kit b)Finishing & Polishing of Amalgam restoration
c) Veneers d) Retraction Chord e) Classification of Dental caries f) Prophylactic Odontotomy=6x5

Part-B

1. Classify and describe various intracanal medicament in root canal treatment =10marks
2. Short Notes: a) Hemisection b) Endodontic files c) Luebile-Ochsenbein flap d) Accessory canals
e) Gupttapercha f) Role of Radiographs in Endodontics =6x5=30marks

OCTOBER, 2000.

Part-A

1. Describe technique of restoring large abrasive lesion in upper maxillary canine –10marks
2. Short Notes: a) Mercury Hygiene b) Cavity Liners c) Back pressure porosity d) Automatrix
e) Dentus Burs f) Contact point =6x5=30marks

Part-B

3. What are the Ideal requirements of Intracanal Medicament? Describe briefly the various medicaments used during root canal treatment =10marks
4. Short Notes: a) Steep Back Technique b) Apexification c) Irreversible pulpitis d) Post and Core
e) AM-26 f) Standardization of Root canal Instruments

APRIL, 2000.

Part-A

1. Describe Class-II cavity preparation for Gold inlay and preparation of Direct Wax pattern –10marks
2. Short Notes: a)Acid Etching b)Self shearing pins c)Hybrid Ionomers d) Hatchet and Hoe
e) High copper Amalgam f) Matrices and Retainers used in Restorative Dentistry =6x5=30marks

Part-B

3. Describe Rationale and principles of Endodontic treatment =10marks
4. Short Notes: a) Calcium Hydroxide b) Indications for Periapical surgery c) Gates-Glidden Drill
d)Electric Pulp test e) Reversible Pulpitis f) Crown-Down – Pressure less Technique=6x5=30marks

11th OCTOBER, 1999.

Part-A

1. Discuss Etiology and management of hypersensitive Dentine =10marks
2. Short Notes: a) Dentine Bending Agents b) Separation of tooth
c) Instrument formula for hand cutting instruments d) Bevels in cavity preparation
e) Types of fillers used in composite resins f) Porosity's in dental castings =6x5=30

Part-B

1. What are the various methods of determining working length in Endodontics. Describe any one method in detail.=10m
2. Short Notes: a) EDTA b) Thermoplastisized Gutta-percha Technique c) Endosonics
d) Night guard bleaching e) Hot salt sterilizer f) Phoenix Abscess =6x5=30m

12th APRIL, 1999.

Part-A

1. Write in detail the CL.II Cavity, preparation for gold relay and briefly describe how you proceed to take direct max.pattern=10marks
2. Short Notes: a) High Copier Amalgam b) Soldering c) Type-II glass Ionomer Cement
d) Cavity Varnish e) Acid etching of enamel f) Matrices =6x5=30marks

Part-B

3. Mention the causes for discoloration of teeth and write in detail the procedure of walking Bleach =10m
4. Short Notes: a) Gutta percha b) Trephination c) Intra canal medicament d) Pulpotomy e) Radisection
f) Indication of optical surgery –6x5=30marks

12th OCTOBER, 1998.

Part-A

1. Write in detail the CL.II cavity preparation for silver Amalgam restoration and add a note on usage of hand cutting instruments=10marks
2. Short Notes: a) High speed b) Percolation c) Zinc Polycarboxylate cement
d) Delayed expansion of Amalgam e) Tarnish and corrosion f) Gingival retraction =6x5=30m

Part-B

3. Classify endodontic instruments and briefly describe the methods of sterilization of instruments =10marks
4. Short Notes: a) Pulp tester b) Walking bleach c) Replantation d) Root canal irrigants e) Hemisection f) Flap designs for Periapical surgery =6x5=30marks

13th APRIL 1998.

Part-A

1. Describe Class-II cavity preparation for silver amalgam with emphasis on modern concepts =10marks
2. Short notes: a) Dental Burs b) Acid etching c) Self shearing pins d) Porosities in castings e) Hybrid Ionomers

Part-B

1. Describe the rationale and principles of Endodontic treatment =10marks
2. Short Notes: a) Intentional replantation b) Thermoplasticized Gutta-percha c) Irreversible pulpitis d) Test cavity e) E.D.T.A. f) Classification of Endodontic Instruments =6x5=30marks

13th OCTOBER, 1997.

Part-A

1. Describe the technique of restoring an abrasive lesion in an upper first premolar =10marks
2. Short Notes: a) High copper Amalgam b) Separation of Tooth c) Casting Machines d) Enamel Hatchet e) Cavity Liners =5x5=25marks

Part-B

3. Give indications for Periapical surgery. Describe briefly the procedure of apicectomy in a maxillary central incisor =10marks
4. Short Notes: a) Asepsis in Endodontics b) Step back technique c) Hederoem Files d) Sodium Hypochlorite e) Night guard Bleaching =6x5=30marks

APRIL, 1997.

Part-A

1. Give indications for Gold inlay. Describe the differences in Cavity preparation between Silver Amalgam and Gold Inlay=10marks
2. Short Notes: a) Mercury Hygiene b) Advantages & Disadvantages of high speed c) Bevelling d) Gingival Retraction e) Bending Agents =5x5=25marks

Part-B

3. Mention the various irrigants used in Endodontics. Describe ideal properties & techniques of Irrigation.10
3. Short Notes: a) Trephination b) Phoenix Abscess c) Standardization of Root canal instruments d) E.D.T.A. e) Uses of Calcium Hydroxide in Endodontics =6x5=30marks