FINAL B.D.S. DEGREE EXAMINATION.
(Revised Regulations)

Paper IV — PERIODONTICS

Time: Three hours Maximum: 100 marks
Two and a half hours Sec. A & Sec. B: 70 marks
for Sec. A and Sec. B Section C: 30 marks

Answer Sections A and B in the same Answer Book.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 x 15 = 30 marks)

1. Define trauma from occlusion. Describe in detail its role in the aetiology and progression of periodontal disease.

2. Describe the microscopic features of the periodontal ligament. Add a note on its functions.

SECTION B — (8 x 5 = 40 marks)

3. Write short notes on:
   (a) Gingival sulcus
   (b) ENAP
   (c) Periotron
   (d) Periodontal pocket
   (e) Angio granuloma
   (f) Periodontal probes
   (g) Subgingival calculus
   (h) Frenectomy.
FINAL B.D.S. DEGREE EXAMINATION.
(Modified Regulations)
Paper IV — PERIODONTICS

Time: Three hours
Two and a half hours
for Sec. A and Sec. B

Maximum: 100 marks
Sec. A & Sec. B: 70 marks
Section C: 30 marks

Answer Sections A and B in the same Answer Book.
Answer Section C in the Answer sheet provided.

SECTION A — (2 x 15 = 30 marks)

   Explain in detail the steps involved in correction of an osseous crater.

2. Define and classify pockets. Write in detail about the pathogenesis and Histopathological changes that occur during pocket formation.

SECTION B — (8 x 5 = 40 marks)

3. Write short notes on:
   (a) Gingival recession.
   (b) Oral Manifestations of Acquired Immuno Deficiency Syndrome.

(c) Periodontal Probes.
(d) Rationale of Gingival Grafts.
(e) Subgingival Plaque.
(f) Supportive Periodontal Therapy.
(g) Inter Dental Hygiene Aids.
(h) Junctional Epithelium.
NOVEMBER - 2001

FINAL B.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Paper IV — PERIODONTICS

Time: Three hours  Maximum: 100 marks
Two and a half hours  Sec. A & Sec. B: 70 marks
for Sec. A & Sec. B.  Section C: 30 marks

Answer Sections A and B in the same Answer Book.
Answer Section C in the Answer sheet provided.

SECTION A — (2 × 15 = 30 marks)


SECTION B — (8 × 5 = 40 marks)

3. Write short notes on:
   (a) Gingival abscess.
   (b) Functions of the Periodontal ligament.
   (c) Individual tooth prognosis.
   (d) Clinical features of acute herpetic gingivo stomatitis.
   (e) Root conditioners.
   (f) Gracey curette.
   (g) Retrograde Periodontitis.
   (h) Role of radiographs in Periodontal diagnosis.
SECTION B — (8 x 5 = 40 marks)

3. Write short notes on:
   (a) Structure and functions of the attached gingiva.
   (b) The different parts of the alveolar bone. Write about the clinical significance of Lamina dura.
   (c) Functions of the Gingival Crevicular fluid.
   (d) Clinical features and management of Herpetic gingivo stomatitis.
   (e) Causes of gingival bleeding.
   (f) Factors to be considered for overall prognosis.
   (g) Indications for gingival curettage.
   (h) Classification of osseous grafts.
FINAL B.D.S. DEGREE EXAMINATION  
(Revised Regulations) 
Paper IV — PERIODONTICS

Time: Three hours  Maximum: 100 marks
Two and a half hours  Sec. A & Sec. B: 70 marks
for Sec. A and Sec. B  Section C: 30 marks

Answer Sections A and B in the SAME Answer Book.
Answer Section C in the Answer Sheet provided.

SECTION A — (2 x 15 = 30 marks)
1. Define and classify furcation involvement. Write the causes and treatment of furcation involvement.
2. Name the pocket elimination procedures. Write the indications, contra-indications, advantages and disadvantages of curettage.

SECTION B — (8 x 5 = 40 marks)
3. Write short notes on:
   (a) Classify etiological factors of periodontal disease
   (b) Pathway of gingival inflammation
   (c) Pre-pubertal periodontitis
   (d) Pathological migration

(e) Grade II furcation involvement
(f) Microbial specificity
(g) Junctional epithilium
(h) Differences between suprabony and infrabony pockets.
FINAL B.D.S. DEGREE EXAMINATION.
(Modified Regulations)

Paper IV — PERIODONTICS

Time: Three hours

Maximum: 100 marks

Two and a half hours

Sec. A & Sec. B: 70 marks

for Sec. A and Sec. B

Section C: 30 marks

Answer Sections A and B in the SAME Answer Book.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 x 15 = 30 marks)

1. Classify gingival enlargements. Write the etiology, clinical features, histopathology and management of drug induced gingival enlargements. (6 + 9 = 15)

2. Define and classify periodontal flaps. Write the indications, contraindications and procedure of modified Widman flap surgery. (6 + 10 = 15)

SECTION B — (8 x 5 = 40 marks)

3. Write short notes on:

(a) Management of acute necrotizing ulcerative gingivitis.

(b) Pattern of bone loss in the presence of periodontitis.

(c) Etiology and classification of food impaction.

(d) DNA probe.
FINAL B.D.S. DEGREE EXAMINATION.
(Revised Regulations)
Paper IV — PERIODONTICS

Time: Three hours
Two and a half hours
for Sec. A and Sec. B

Maximum: 100 marks
Sec. A & Sec. B: 70 marks
Section C: 30 marks

Answer Sections A and B in the SAME Answer Book.
Answer Section C in the Answer Sheet provided.

SECTION A — (2 x 15 = 30 marks)

1. Describe the normal microscopic feature of the Gingiva.

2. Classify Periodontitis. Describe the etiology, clinical features, radiographic appearance and management of localised Juvenile Periodontitis.

SECTION B — (8 x 5 = 40 marks)

3. Write short notes on:
   (a) Fenestration and Dehiscence.
   (b) Subgingival Plaque.
   (c) Periodontal Probes.
   (d) Gingival crevicular fluid.
   (e) Periodontal Index.
   (f) Chlorhexidine.
   (g) Resective Osseous surgery.
   (h) Retrograde Periodontitis.
APRIL - 2003


FINAL B.D.S. DEGREE EXAMINATION.
(Modified Regulations)

Paper IV — PERIODONTICS

Time : Three hours  Maximum : 100 marks
Two and a half hours  Sec. A & Sec. B : 70 marks
for Sec. A and Sec. B  Section C : 30 marks

Answer Sections A and B in the SAME Answer Book.
Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define prognosis. How will you determine the prognosis of a patient suffering from periodontitis.

2. Discuss the role and importance of maintenance phase in periodontal therapy.

SECTION B — (8 × 5 = 40 marks)

3. Write short notes on :
   (a) Tooth Mobility.
   (b) Pathological Migration.
   (c) Indications for Gingivectomy.
   (d) Diagnostic aids in periodontics.
   (e) Bruxism.
   (f) Treatment of Juvenile periodontitis.
   (g) Biologic importance of cementum.
   (h) Gingival fibers.
FINAL B.D.S. DEGREE EXAMINATION.
(Revised Regulations)

Paper IV — PERIODONTICS

Time: Three hours
Maximum: 100 marks

Two hours and forty minutes
for Sec. A & Sec. B
Sec. A & Sec. B: 80 marks

Twenty minutes for Sec. C
Section C: 20 marks

Answer Sections A and B in SAME Answer Book.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 x 15 = 30 marks)

1. Discuss the features of clinically healthy gingiva.
   (15)

2. Define calculus. Discuss the theories of calculus formation.
   (15)

SECTION B — (10 x 5 = 50 marks)

3. Write short notes:
   (a) Sharpeys fibres
   (b) Lamina dura
   (c) Acellular cementum
   (d) Etiology of gingival recession
   (e) Infrabony pocket
   (f) Periodontal abscess
   (g) Halitosis
   (h) Vit. C deficiency
   (i) Gingival bleeding
   (j) Tooth mobility.
FINAL B.D.S. DEGREE EXAMINATION.
(Modified Regulations)

Paper IV — PERIODONTICS

Time: Three hours Maximum: 100 marks

Two hours and forty minutes
for Sec. A & Sec. B Sec. A & Sec. B: 80 marks

Twenty minutes for Sec. C Section C: 20 marks

Answer Sections A and B in the SAME Answer Book.

Answer Section C in the Answer Sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define and classify plaque. Discuss the pathogenesis, hypothesis and formation of plaque.
   
   \[(2 + 3 + 3 + 2 + 5 = 15)\]

2. Define gingivectomy. Discuss the Indications contraindications and procedure for gingivectomy with diagram.
   
   \[(2 + 2 + 2 + 9 = 15)\]

SECTION B — (10 × 5 = 50 marks)

3. Write short notes on:
   
   (a) Gingival pigmentation
   (b) Cytokines
   (c) Host modulation
   (d) Curette
   (e) Metronidazole
   (f) Peri Implantitis
   (g) Gingival abscess
   (h) Difference between frenectomy and frenotomy
   (i) Growth factors
   (j) Dental floss.
FINAL B.D.S. DEGREE EXAMINATION.
(Revised Regulations)
Paper IV — PERIODONTICS

Time: Three hours
Maximun: 100 marks

Sec. A & B: Two hours and
forty minutes
Sec. A & B: 80 marks

Section C: Twenty minutes
Section C: 20 marks

Answer Sections A and B in the SAME Answer Book.
Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)
1. Define periodontal abscess. Write about the
Etiology, classification, clinical features and
management of periodontal abscess.

(2 + 3 + 2 + 4 + 4 = 15)

2. Enumerate the various brushing techniques.
Discuss any one technique in detail with diagram.

(5 + 10 = 15)

SECTION B — (10 × 5 = 50 marks)
3. Write short notes on:
(a) Attached gingiva
(b) Hemisection
(c) Osseous defect

(d) Plasma cell gingivitis
(e) Allograft
(f) Dilantin gingival enlargement
(g) Indications for gingivectomy.
(h) Difference between supragingival and
subgingival calculus
(i) Root biomodification
(j) Finger rest.
FINAL B.D.S. DEGREE EXAMINATION.
(Modified Regulations)
Paper IV — PERIODONTOICS

Time: Three hours        Maximum: 100 marks
Sec. A & B: Two hours and                Sec. A & B: 80 marks
forty minutes
Section C: Twenty minutes        Section C: 20 marks

Answer Sections A and B in the SAME Answer Book.
Answer Section C in the answer sheet provided.

SECTION A

1. Discuss the functions of the periodontal ligament.  
   \( (1 \times 15 = 15) \)

2. Define gingival recession. Discuss the treatment for coverage of denuded roots.  
   \( (1 \times 15 = 15) \)

SECTION B

3. Write short notes on:  
   \( (10 \times 5 = 50) \)
   (a) Attached gingiva  
   (b) Acellular cementum  
   (c) Materia alba  
   (d) Specific plaque hypothesis

(e) Periodontal abscess  
(f) Pregnancy gingivitis  
(g) Periodontal dressings  
(h) Plunger cusp  
(i) Osseous craters  
(j) Indications for gingivectomy.
FINAL B.D.S. DEGREE EXAMINATION.
(Modified Regulations) — II
Part II
Paper II — PERIODONTICS
Time: Three hours
Sec. A & B: Two hours and forty minutes
Section C: Twenty minutes
Sec. A & B: 80 marks
Section C: 20 marks
Maximum: 100 marks
Answer Sections A and B in the SAME Answer Book.
Answer Section C in the answer sheet provided.

Answer ALL questions.

SECTION A

1. Write about the clinical features, histopathology, the different zones, the etiology and treatment of NUG. 
   
   \[1 \times 15 = 15\]

2. Write in detail about the indications, contraindications and different treatment techniques of gingivectomy. 
   
   \[1 \times 15 = 15\]

SECTION B

3. Write short note on:

   \(a\) Types of cementum
   \(b\) Russell’s Index

   \[10 \times 5 = 50\]

   (c) Different methods of collection of gingival crevicular fluid
   (d) Bone destruction pattern in periodontal disease
   (e) Types of periodontal probes
   (f) Indications and contraindications for ultrasonic scaling
   (g) Types of bone grafts
   (h) Local factors of gingival bleeding
   (i) Tooth mobility
   (j) Classification of gingival recession.
FINAL B.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Paper IV — PERIODONTICS

Time: Three hours  Maximum: 100 marks
Sec. A & B: Two hours and  Sec. A & B: 80 marks
forty minutes
Section C: Twenty minutes  Section C: 20 marks

Answer Sections A and B in the SAME Answer Book.
Answer Section C in the answer sheet provided.

SECTION A — (2 x 15 = 30 marks)

1. What is Gingival Recession? Give its classification, clinical features and management of localized gingival recession in detail. (any one method). (15)

2. Define Prognosis. Discuss the factors considered for individual tooth prognosis in a periodontal patient in detail. (15)

SECTION B — (10 x 5 = 50 marks)

3. Write short notes on:

(a) Sonic and ultrasonic scalers.
(b) Chemotaxis.
(c) Hemisection.
(d) Management of HIV infected case.
(e) Biomechanical root preparation.
(f) Russell's periodontal index.
(g) Functions of saliva.
(h) Theories of calculus formation.
(i) Junctional epithelium.
(j) Disclosing agents.
AUGUST - 2004


FINAL B.D.S. DEGREE EXAMINATION.
(Modified Regulations)
Paper IV — PERIODONTICS
Time : Three hours Maximum : 100 marks
Sec. A & B : Two hours and forty minutes
Sec. A & B : 80 marks
Section C : Twenty minutes Section C : 20 marks

Answer Sections A and B in the SAME Answer Book.
Answer Section C in the answer sheet provided.

SECTION A

1. Define Cementum. Discuss the types of cementum. (15)

2. Discuss the etiopathogenesis of drug induced gingival enlargement. (15)

SECTION B

3. Write short notes: (10 x 5 = 50)
   (a) Junctional epithelium.
   (b) Periodontal ligament fibres.
   (c) Gingival crevicular fluid.
   (d) Neutrophils.
   (e) Acute necrotizing ulcerative gingivitis.
   (f) Actinobacillus actinomycetem comitans.
   (g) Disclosing agents.
   (h) Trauma from occlusion.
   (i) Guided tissue regeneration.
   (j) Classification of furcation involvements.
AUGUST - 2004

[KL 673] Sub. Code : 4165

FINAL B.D.S. DEGREE EXAMINATION.
(Modified Regulations) — II
Part II
Paper II — PERIODONTICS

Time: Three hours Maximum: 100 marks
Sec. A & B: Two hours and Sec. A & B: 80 marks
forty minutes
Sec. C: Twenty minutes Sec. C: 20 marks

Answer Sections A and B in the SAME Answer Book.
Answer Section C in the Answer Sheet provided.
Answer ALL questions.

SECTION A — (2 x 15 = 30 marks)

1. Define and classify furcations. Write the treatment of grade II furcation involvement. (15)

2. Write about the age changes in the periodontium. (15)

SECTION B — (10 x 5 = 50 marks)

3. Write short notes on:
   (a) Functions of Saliva
   (b) Theories of calculus formation
   (c) Clinical features of acute necrotizing ulcerative gingivitis
   (d) Surgical instruments for gingivectomy procedure
   (e) Instrument stabilization
   (f) Periodontic complications associated with orthodontic therapy
   (g) Non-bone graft materials
   (h) Indications and contra-indications of flap surgery
   (i) Bone destruction patterns in periodontal disease
   (j) Interdental cleaning aids.
FEBRUARY - 2005

[KM 648] Sub. Code : 4119

FINAL B.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Paper IV — PERIODONTICS

Time : Three hours Maximum : 100 marks
Sec. A & B : Two hours and Sec. A & B : 80 marks
forty minutes
Sec. C : Twenty minutes Sec. C : 20 marks

Answer Sections A and B in the SAME answer book.
Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define and classify pockets. Write about the clinical features and contents of the pockets. (15)

2. Define and classify flaps. Write in detail about Modified Widman flap. (15)

SECTION B — (10 × 5 = 50 marks)

3. Write short notes on:
   (a) Fibres of periodontal ligament
   (b) Microscopic structure of Dental plaque
   (c) Microbiological, immunologic, physiologic changes in periodontium associated with smoking
   (d) Difference between periodontal abscess and periapical abscess
   (e) Clinical features of desquamative gingivitis
   (f) Difference between Universal curette and Gracey curette
   (g) Guided tissue regeneration
   (h) Radiological features of aggressive periodontitis
   (i) Stages of tissue response after trauma from occlusion
   (j) Fenestration and dehiscence.
FINAL B.D.S. DEGREE EXAMINATION.
(Modified Regulations) — I
Paper IV — PERIODONTICS

Time : Three hours  Maximum : 100 marks
Sec. A & B : Two hours and  Sec. A & B : 80 marks
forty minutes
Section C : Twenty minutes  Section C : 20 marks

Answer Sections A and B in the SAME Answer Book.
Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define gingival recession. Classify and discuss the etiology and management of gingival recession.
   
   \(2 + 3 + 4 + 6 = 15\)

2. Define furcation. Discuss its classification and management.
   
   \(2 + 6 + 7 = 15\)

SECTION B — (10 × 5 = 50 marks)

3. Write short notes on:

   (a) Principal fibres.

   (b) P. Gingivalis.

   (c) Difference between universal and area specific curette.

   (d) Irrigation devices.

   (e) Anatomic landmarks in periodontal surgery.

   (f) Disclosing agent.

   (g) Periodontal surgical instrument.

   (h) DNA probe.

   (i) Indication for flap surgery.

   (j) Crown lengthening procedure.
SECTION B — (10 × 5 = 50 marks)

3. Write short notes on:
(a) Guided tissue regeneration
(b) Excisional new attachment procedure
(c) Cytokines
(d) Zone of co-destruction
(e) DNA probe
(f) Gingival collagen fibers
(g) Root biomodification
(h) Periodontal splints
(i) Vitamin C deficiency
(j) Halitosis.
AUGUST - 2005

[KN 648] Sub. Code : 4119

FINAL B.D.S. DEGREE EXAMINATION.
(Revised Regulations)

Paper IV — PERIODONTICS

Time : Three hours 
Sec. A & B : Two hours and forty minutes 
Sec. A & B : 80 marks 
Section C : Twenty minutes 
Section C : 20 marks 

Answer Sections A and B in the SAME Answer Book. 
Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define dental plaque, classify write about its formation composition and discuss about Anti plaque agents and disclosing agents.

2. List out the Periodontal Management of medically compromised individuals and write in detail about perio-cardiacs and perio diabetics.

SECTION B — (10 × 5 = 50 marks)

3. Write short notes on:
   (a) Gingival Pigmentation.
   (b) Junctional Epithelium.
   (c) Function of Gingival fluid.

(d) Periodontal Manifestations in Pregnancy.
(e) Guided Bone Regeneration.
(f) Principles of Surgery.
(g) Micro Surgery in Periodontics.
(h) Splinting.
(i) Implant Failure.
(j) Prophy Jet.
FINAL B.D.S. DEGREE EXAMINATION.
(Modified Regulations) — I
Paper IV — PERIODONTICS
Time : Three hours Maximum : 100 marks
Sec. A & B : Two hours and Sec. A & B : 80 marks
forty minutes
Sec. C : Twenty minutes Sec. C : 20 marks

Answer Sections A and B in the SAME Answer Book.

Answer Section C in the Answer Sheet provided.

Answer ALL questions.

SECTION A — (2 × 15 = 30 marks)

1. Define a periodontal pocket. Classify periodontal pockets. Write about gingivectomy procedure. (15)

2. Write about the cells and fibres of the periodontal ligament. What are the functions of periodontal ligament? (15)

SECTION B — (10 × 5 = 50 marks)

3. Write short notes on:
   (a) Acute necrotising ulcerative gingivitis.
   (b) Neutrophil chemotactic defect.
   (c) Gingival crevicular fluid
   (d) Modified widman flap surgery.
   (e) Junctional Epithelium.
   (f) Bone Allografts.
   (g) Drug induced gingival enlargement.
   (h) Splinting in periodontal therapy.
   (i) Individual teeth prognosis.
   (j) Indications and objectives of subgingival curettage.
FINAL B.D.S. DEGREE EXAMINATION.
(Modified Regulations) — II, III
Paper V — PERIODONTICS

Time : Three hours       Maximum : 100 marks
Sec. A & B : Two hours and Sec. A & B : 80 marks
forty minutes
Section C : Twenty minutes       Section C : 20 marks

Answer Sections A and B in the SAME Answer Book.
Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. Define and classify furcation. Describe in detail about management of class II furcation. (2 + 4 + 9 = 16)

2. Discuss the causes of gingival bleeding and its management. (8 + 7 = 15)

SECTION B — (10 × 5 = 50 marks)

3. Write short notes:
   (a) Functions of periodontal ligament
   (b) Lamina dura
   (c) Define osteoconduction and osteoinduction
   (d) Clinical feature of pericoronitis
   (e) Content of periodontal pocket
   (f) Causes of tooth mobility
   (g) Pathological migration
   (h) Bruxism
   (i) Gracey curette
   (j) Difference between necrotizing ulcerative gingivitis and primary herpetic gingivostomatitis.
FINAL B.D.S. DEGREE EXAMINATION.
(Revised Regulations)
Paper IV — PERIODONTICS

Time: Three hours  Maximum: 100 marks
Sec. A & B: Two hours and forty minutes  Sec. A & B: 80 marks
Sec. C: Twenty minutes  Sec. C: 20 marks

Answer Sections A and B in the same Answer Book.
Answer Section C in the answer sheet provided.

Answer ALL questions.

SECTION A — (2 x 15 = 30 marks)
2. Define periodontal plastic surgery. Write about different techniques used to increase width of attached Gingiva. (15)

SECTION B — (10 x 5 = 50 marks)
3. Write short notes on:
(a) Role of cells present in gingiva.
(b) Clinical features and treatment of A.N.U.G.
(c) Differences between Mobility and Fremitus.
(d) Ultrasonics.
(e) Specific plaque hypothesis.
(f) Theories of calculus mineralization.
(g) Dentinal hypersensitivity.
(h) Root surface Biomodifications.
(i) Osteectomy and Osteoplasty.
(j) Indications for Root Resection.
FEBRUARY - 2006


FINAL B.D.S. DEGREE EXAMINATION.
(Modified Regulations) — I
Paper IV — PERIODONTICS

Time : Three hours
Sec. A & B : Two hours and forty minutes
Sec. C : Twenty minutes

Maximum : 100 marks
Sec. A & B : 80 marks
Sec. C : 20 marks

Answer Sections A and B in the SAME Answer Book.
Answer Section C in the answer sheet provided.

Answer ALL questions.

SECTION A — (2 × 15 = 30 marks)


2. Define regeneration. Indication and describe the procedure for regenerative surgery.

SECTION B — (10 × 5 = 50 marks)

3. Write short notes:
   (a) Clinical feature of periodontal abscess.
   (b) Difference between Suprabony and Infrabony pocket.
   (c) Define gingivectomy and gingivoplasty.
   (d) Root biomodification.
   (e) Role of tetracycline in periodontal disease.
   (f) Polishing instruments.
   (g) Hypercementosis.
   (h) Methods of collection of GCF.
   (i) Gingival enlargement in pregnancy.
   (j) Radiographic feature of Trauma from occlusion.
FEBRUARY - 2006

[KO 673] Sub. Code : 4165

FINAL B.D.S. DEGREE EXAMINATION.
(Modified Regulations) — II, III
Paper V — PERIODONTICS
Time : Three hours Maximum : 100 marks
Sec. A & B : Two hours and Sec. A & B : 80 marks
forty minutes
Sec. C : Twenty minutes Sec. C : 20 marks

Answer Sections A and B in the SAME Answer Book.
Answer Section C in the answer sheet provided.

SECTION A — (2 x 15 = 30 marks)

1. Define and classify Dental Plaque. Write about structure formation and significance of dental plaque.
   \[2 + 2 + 6 + 3 = 15\]

2. Define and classify osseous surgery. Discuss in detail regenerative osseous surgery. \[2 + 2 + 11 = 15\]

SECTION B — (10 x 5 = 50 marks)

3. Write short notes on:
   (a) Pregnancy gingival enlargements.
   (b) Junctional Epithelium differences between ANUG and Herpetic gingivo stomatitis.
   (c) Pathogenesis of periodontal pocket.
   (d) Classify periodontal probes. Add a note on its uses.
   (e) Treatment of Grade — II furcation involvement.
   (f) Periodontal splints.
   (g) Oral physiotherapy.
   (h) Chemical plaque control.
   (i) Supportive periodontal therapy and its importance.
   (j) Role of tetracycline in periodontal disease.
4. Write short notes on:  
   (6 x 5 = 30)
   (a) New Attachment, Reattachment and Epithelial Adaptation.
   (b) Powered Toothbrushes.
   (c) Peri implant Mucosa.
   (d) Temporary Splints in Periodontal Therapy.
   (e) DNA probes in periodontal diagnosis.
   (f) Management of a patient with a history of rheumatic heart disease.

Answer ALL questions.

Write an essay on:

1. Discuss the macroscopic and microscopic features of the gingiva.  
   (20)

2. Define and classify furcation involvement. Discuss the treatment of grade II and grade III furcation involvement.  
   (15)

3. Discuss the composition, formation and the role of dental plaque in periodontal diseases.  
   (15)
AUGUST - 2006


FINAL B.D.S. DEGREE EXAMINATION.
(Modified Regulations — I)

Paper IV — PERIODONTICS

Time: Three hours Maximum: 100 marks
Descriptive: Two hours and forty minutes Descriptive: 80 marks
Objective: Twenty minutes Objective: 20 marks

Answer ALL questions.

Write an essays on:

1. Define mucogingival surgery. Enumerate various mucogingival surgeries. Write in detail indications, surgical technique and healing process of vestibuloplasty. (20)

2. Discuss the causes and mechanism of bone loss in periodontitis. (15)

3. Write in detail recent trends in diagnostic aids. (15)

4. Write short notes on: (6 × 5 = 30)
   (a) Basic principles of periodontal surgery.
   (b) Inter dental cleansing aids.
   (c) Tooth mobility.
   (d) Importance of dentogingival junction.
   (e) Florida probe.
   (f) Aggressive periodontitis.
AUGUST - 2006

[KP 673]  Sub. Code: 4165

FINAL B.D.S. DEGREE EXAMINATION.
(Modified Regulations — II, III)

Paper V — PERIODONTICS

Time: Three hours  Maximum: 100 marks
Descriptive: Two hours and  Descriptive: 80 marks
forty minutes
Objective: Twenty minutes  Objective: 20 marks

Answer ALL questions.

Write essays on:

1. Define periodontal pocket. Classify periodontal pockets and methods of eliminating periodontal pockets. Write in detail about gingivectomy procedure including indications and contra indications.  (20)

2. Discuss the causes and mechanism of bone loss in periodontitis.  (15)

3. Define risk factor. Write in detail risk factors for periodontal disease.  (15)

4. Write short notes on:
   (a) Osseous resective surgery.
   (b) Mast cell.
   (c) Root conditioning.
   (d) Lasers in periodontics.
   (e) Ultrasonic scalers.
   (f) Chlorhexidine.  (6 x 5 = 30)
4. Write short notes on:
   \( (6 \times 5 = 30) \)
   (a) Role of diabetes on the periodontium
   (b) Bone allografts
   (c) Frenectomy and Frenectomy
   (d) Treatment of acute necrotizing ulcerative gingivitis.
   (e) Modes of attachment of calculus
   (f) Chlorhexidine as an antiplaque agent.

Answer ALL questions.

1. Discuss the principle fibres of the periodontal ligament along with its functions. \( (20) \)

2. Define trauma from occlusion. Describe the various stages of response to increased occlusal forces. Add a note on its radiographic features. \( (15) \)

3. Define and classify periodental flaps. Describe the modified Widman flap in detail along with its healing. \( (15) \)
4. Write short notes on: \( (6 \times 5 = 30) \)
   (a) Localized aggressive periodontitis.
   (b) Non specific plaque hypothesis
   (c) Principles of sharpening periodontal instruments.
   (d) Etiology, classification and management of drug induced gingival over growth
   (e) Theories of mineralization of calculus
   (f) Local drug delivery in periodontics.

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1. Define Gingiva. Describe the microscopic and macroscopic features of human keratinized gingiva. \( (20) \)

2. Define periodontal flap. Write indications, contra indications and step by step procedure of modified wedge flap. \( (15) \)

3. Classify periodontal instruments. Write in detail about indications and contra indications of ultrasonics in periodontics. \( (15) \)
3. Write short notes on:
(a) Periodontal dressings
(b) E Nap
(c) Periodontal screening and recording system
(d) DNA probe
(e) Bone swaging
(f) Subtraction radiography
(g) Modified widman flap
(h) Dental endoscope
(i) Treatment for plasma cell gingivitis
(j) Mast cell.

(10 x 5 = 50)

1. Define periodontal ligament. Classify, Histology, Functions and theories of stock absorption of periodontal ligament. (15)

2. Classify periodontal instruments. Write in detail about, indications and contraindication of ultrasonic in periodontics. (15)
FINAL B.D.S. DEGREE EXAMINATION.

(Modified Regulations — II, III)

Paper V — PERIODONTICS

Time: Three hours  Maximum: 100 marks
Descriptive: Two hours and forty minutes  Descriptive: 80 marks
Objective: Twenty minutes  Objective: 20 marks

Answer ALL questions.

Essays:  \((2 \times 15 = 30)\)

1. Classify acute lesions of Gingiva. Write etiology, clinical features and management of ANUG.  \((15)\)

2. Define osseous surgery. Write indications, contra indications and step by step procedure of resective osseous surgery.  \((15)\)

3. Write short notes on:  \((10 \times 5 = 50)\)
   (a) Dento gingival unit
   (b) HIV Associated Periodontitis.
   (c) Critical zones in pocket surgery.
   (d) Formation of dental plaque.
   (e) Periodontal dressing.
   (f) Importance of maintenance phase in periodontal therapy.
   (g) Risk factor.
   (h) Management of Glickman's Grade II Furcation.
   (i) Nerve supply of Periodontium.
   (j) Trauma from occlusion.
FINAL B.D.S. DEGREE EXAMINATION.
(Modified Regulations — III)
Paper V — PERIODONTICS
Q.P. Code : 544165

Time : Three hours
Maximum : 100 marks

Descriptive : Two hours and forty minutes
Descriptive : 80 marks

Objective : Twenty minutes
Objective : 20 marks

Answer ALL questions.

I. Essays : 
(2 x 15 = 30)

(1) Define flap. Classify periodontal flaps. Write about the indications of flap surgery. Describe the technique of modified widman flap. (1 + 3 + 4 + 7 = 15)

(2) Define Trauma from occlusion. Describe the types of Trauma from occlusion. Add a note on its role in the etiology of periodontal disease.

II. Write short notes on : 
(10 x 5 = 50)

(1) Principal fibers of the periodontal ligament.

(2) Modes of attachment of calculus.

(3) Clinical significance of gingival crevicular fluid.

(4) Papillon – Lefevre Syndrome.

(5) Powered Toothbrushes.

(6) Chlorhexidine.

(7) Periodontal Dressings.

(8) Alloplasts.

(9) Lateral Pedicle Graft.

(10) Maintenance for Dental implant patients.
August 2008

FINAL B.D.S DEGREE EXAMINATION
(Modified Regulations – III)

Paper V – PERIODONTICS

Q.P. Code: 544165

Time: Three hours
Maximum: 100 Marks

ANSWER ALL QUESTIONS

I. Essays: (2 X 20 = 40)

1. Enumerate the procedures to increase the zone of attached gingiva. Describe the procedure of free gingival autograft. Add a note on its healing.

2. Define dental plaque. Classify the types of plaque. Describe the stages of plaque formation.

II. Write short notes on: (10 X 6 = 60)

1. Fenestration and dehiscence.
3. Classify furcation involvement.
4. Interdental aids in plaque control.
5. Gracey curettes.
7. Bruxism.
8. Gingival changes in pregnancy.
10. GTR membranes.
I. Essays: (2 X 20 = 40)
1. Define and classify cementum. Add a note on cementum repair and resorption.
2. Discuss etiology, histopathology, clinical features and treatment of adult periodontitis.

II. Write short notes on: (10 X 6 = 60)
1. Gingival crevicular fluid.
2. Periodontal splints.
3. Drug induced gingival overgrowth.
4. Stages in gingivitis.
5. Periodontal dressings.
6. Plaque hypothesis.
7. Autogenous bone graft.
8. Lasers in periodontics.
I. Essays: (2 x 20 = 40)
1. Enumerate the periodontal osseous defects. Describe regenerative osseous surgery.

2. Describe the structure of cementum and add a note on the clinical significance of cemento-enamel junction.

II. Write short notes on: (10 x 6 = 60)
1. Define new attachment and repair.
2. Causes of hypercementosis.
3. Classification of gingival fibres.
4. Role of tetracyclines in periodontal diseases.
5. Role of mast cells in gingiva.
6. Recurrent apthous ulceration.
7. Antibiotic prophylaxis in endocarditis.
8. Classification of soft-tissue grafts in periodontal therapy.
10. Supportive periodontal therapy and its importance.

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August 2010

[KX 673] Sub. Code: 4165

FINAL B.D.S DEGREE EXAMINATION

(Modified Regulations – III)

Paper V– PERIODONTICS

Q.P. Code: 544165

Time: Three hours Maximum: 100 Marks

Answer ALL Questions

I. Essays: (2 x 20 = 40)

1. Define Plaque. Describe the role of bacteria in the pathogenesis of periodontal disease.

2. Write in detail the systemic diseases causing periodontal manifestations.

II. Write short notes on: (10 x 6 = 60)

1. Osteoplasty and Ostectomy.
2. Bone Blend.
3. Periodontal Dressings.
4. Peri-implantitis.
5. Biologic Width.
7. Wasting disease of teeth.
10. Miller’s tooth mobility.

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February 2011

[KY 673] Sub. Code : 4165

FINAL B.D.S. DEGREE EXAMINATION.
(Modified Regulations - III)

Paper V — PERIODONTICS

Q.P. Code : 544165

Time : Three hours Maximum : 100 marks

Answer ALL questions.

I. Essays: (2 x 20 = 40)

1. Classify Gingival Enlargement and write in detail about management of drug induced enlargement.

2. Define Muco Gingival Surgery and write about various procedures and discuss about management of gingival recession.

II. Write short notes on: (10 x 6 = 60)

1. Chlorhexidine
2. Desquamative gingivitis
3. Cytokines
4. Furcation Management
5. Age changes in periodontium
6. Pericoronitis
7. Healing after flap surgery
8. Osseous grafts
9. Periodontal micro surgery
10. Guided tissue regeneration.

*****
I. Elaborate on: (2×10=20)

1. Classify bone grafts. Describe the various types of bone grafts used in Periodontics.

2. Describe the clinical and microscopic features of Gingiva.

II. Write notes on: (10×5=50)

1. Periodontal ligament fibres

2. Etiology of ANUG.

3. Chlorhexidine

4. Interleukins.

5. Composition and modes of attachment of calculus.

6. Role of saliva in defense mechanism.

7. Biologic width

8. Linear gingival erythema

9. Acute and chronic trauma from occlusion

10. Causes of pathologic tooth migration

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I. Elaborate on:

1. Discuss the risk factors associated with periodontitis.  
2. Define periodontal pocket. Discuss the pathogenesis, histopathology, contents and management of pocket.

II. Write Notes on:

1. Gingival sulcus.
2. Russels periodontal index.
3. Difference between supragingival and subgingival calculus.
4. Aggregatibacter actinomycetemcomitans.
5. Plasma cell gingivitis.
6. Patterns of bone destruction.
7. Sharpening of instruments.
8. Dentifrices.
10. Trauma from occlusion.
11. Frectomy.
I. Elaborate on: (2x10=20)

1. Classify gingival enlargement discuss about idiopathic gingival enlargement.

2. Define furcation. Discuss its classification and management.

II. Write Notes on: (10x5=50)

1. DNA probes
2. Treatment plan
3. Autogenous bone graft
4. Chemical plaque control
5. Scaling instruments
6. Tooth mobility
7. Contents of periodontal pocket
8. Psychosomatic disorders
9. Vitamin C
10. Food impaction.

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I. Elaborate on: (2x10=20)
1. Discuss the clinical and microscopic features of gingiva.
2. Discuss the causes of gingival bleeding and its management.

II. Write Notes on: (10x5=50)
1. Periodontal fibres.
2. Mast cell.
3. Cytokines.
5. Idiopathic gingival enlargement.
7. Periodontal abscess.
8. Sickle scaler.
10. Suture materials.
I. Elaborate on:  (2X10=20)

1. Define gingiva. Discuss micro and macroscopic features of gingival

2. Define dental calculus. Enumerate theories of dental calculus

II. Write Notes on:  (10X5=50)

1. Millers gingival recession classification
2. Desquamative gingivitis
3. Aids and perodontium
4. Drug induced gingival enlargement
5. Wasting diseases
6. Gingival abscess
7. Host Modulation Therapy
8. Osseointegration
9. Scaling and Root planning
10. Maintenance therapy
I. Elaborate on: (2X10=20)

1. Discuss periodontal ligament in detail.

2. Discuss clinical, histopathological features and treatment of ANUG (Acute Necrotising Ulcerative Gingivitis)

II. Write Notes on: (10X5=50)

1. Periodontal Dressings

2. Co-aggregation

3. Supra v/s subgingival plaque

4. GTR (Guided Tissue Regeneration)

5. Local drug delivery

6. Supra v/s infrabony pocket

7. Trauma from occlusion

8. Treatment of furcation involvement

9. Chlorohexidine

10. Supportive periodontal therapy

*******
I. Elaborate on:  

1. Discuss the various factors considered to determine prognosis.

2. Define periodontal pocket. Write the classification and pathogenesis of the periodontal pocket.

II. Write Notes on:  

1. Bone lipping.
2. Composition of dental calculus.
4. Mucogingival deformity.
5. Width of attached gingiva.
6. Grade II furcation involvement.
7. Trans-endothelial migration.
8. Excisional new attachment procedure.
10. Universal curette.

******
I. Elaborate on:

1. Discuss the composition and significance of Gingival Crevicular Fluid (GCF).

2. Define plaque control. Write in detail about mechanical plaque control.

II. Write notes on:


2. Gingival bleeding.


4. Peri-implantitis.

5. Pericoronitis.


7. Periodontal manifestations in AIDS.


10. Intra osseous defects.
FOURTH YEAR B.D.S. DEGREE EXAMINATION
PAPER V – PERIODONTICS

Q.P. Code : 544165

Time : Three Hours
Maximum : 70 Marks

Answer All Questions

I. Elaborate on: (2 x 10 = 20)

1. Define and classify furcation involvement. Describe the various modalities of management of furcation involvement.

2. Classify Cementum and describe in detail about Cementum.

II. Write Notes on: (10 x 5 = 50)

1. Classification of periodontal pocket.

2. Cytokines.


4. Periochip.

5. Scurvy.


8. Periodontal changes in diabetes.

9. Secondary trauma from occlusion.


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