

**APRIL 2001**

**[KD 358]**

**M.D.S. DEGREE EXAMINATION.**

**Branch II — Periodontics**

**Part II**

**Paper III — TREATMENT, PREVENTIVE  
PERIODONTICS AND MAINTAINANCE**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

1. Discuss the importance of maintainance phase in periodontal therapy. (25)
  2. What are the three general approaches used clinically to assess the damage to periodontal tissues.(25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Role of anti-inflammatory drugs in periodontal therapy.
    - (b) Prophylactic anti-biotic therapy.
    - (c) Periodontal management of Geriatric patients.
    - (d) Indications for periodontal surgery.
    - (e) Coronoplasty in periodontal therapy.
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NOVEMBER 2001

[KE 358]

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch II — Periodontia

Part II

Paper III — TREATMENT, PREVENTION  
PERIODONTICS AND MAINTENANCE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss in detail merits of various alloplasts used as bone grafts. (25)
  2. Critically evaluate the use of chlorhexidine in periodontics. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Melcher's concept of periodontal healing
    - (b) Management of dentinal hypersensitivity
    - (c) Management of periodontal disease in a diabetic patient
    - (d) Importance of motivation in plaque control
    - (e) Tetracyclines in periodontics.
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**MARCH 2002**  
**[KG 358]**

**M.D.S. DEGREE EXAMINATION.**

**(Revised Regulations)**

**Branch II — Periodontia**

**Part II**

**Paper III — TREATMENT, PREVENTION  
PERIODONTICS AND MAINTENANCE**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions**

1. What are the specific aims of periodontal treatment? (25)
  2. What are the various methods available to increase the width of attached gingiva. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Pattern of bone destruction.
    - (b) Healing after periodontal therapy.
    - (c) Endocrine disorders and periodontal maintenance.
    - (d) Periodontal dressings.
    - (e) Infection control in periodontal practice.
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SEPTEMBER 2002

[KH 358]

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch II — Periodontics

Part II

Paper III — TREATMENT, PREVENTION,  
PERIODONTICS AND MAINTENANCE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Critically evaluate the current classification of periodontal diseases. (25)
2. Describe periodontal dressings. Evaluate their scope and limitations. (25)

3. Write briefly on : (5 × 10 = 50)

- (a) Disclosing Solutions
  - (b) S.P.T.
  - (c) Role of Lasers in periodontal therapy
  - (d) Electrosurgery
  - (e) 3rd generation Anti plaque agents.
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[KI 358]

APRIL 2003

Sub. Code : 2313

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch II — Periodontics

Part II

Paper III — TREATMENT, PREVENTIVE  
PERIODONTICS AND MAINTENANCES

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the current status of root surface biomodification. (25)
  2. Discuss the phenomenon of Re-vascularisation in gingival grafts. (25)
  3. Write short notes on : (5 × 10 = 50)
    - (a) Role of growth factors in bone regeneration
    - (b) Mechanism of antiplaque effect of chlorhexidine
    - (c) Periodontal considerations in implant therapy
    - (d) Lasers in periodontal therapy
    - (e) Ultrasonics in periodontics.
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OCTOBER 2003

[KJ 358]

Sub. Code : 2313

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch II — PERIODONTICS

Part II

Paper III — TREATMENT, PREVENTIVE  
PERIODONTICS AND MAINTENANCES

Time : Three hours                      Maximum : 100 marks

Theory : Two hours and forty minutes      Theory : 80 marks

M.C.Q. : Twenty minutes                      M.C.Q. : 20 marks

M.C.Q. must be answered SEPARATELY on the answer  
sheet provided as per the instructions on the first page  
of the M.C.Q. Booklet.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Essay — (2 × 15 = 30 marks)

1. Discuss the advances in Graft materials used in Periodontal Regeneration.
2. Describe in detail the Risk factors for periodontal diseases.

Short Notes — (10 × 5 = 50 marks)

3. (1) Curettage — Relevance in periodontal therapy.
- (2) Dental Health Education Aids.
- (3) Relevance of Focal Infection Theory in the current understanding of periodontal disease.
- (4) De-sensitizing agents.
- (5) Treatment of Peri Implantitis.
- (6) Role of Lasers in Periodontal Therapy.
- (7) Discuss the currently used locally delivered anti microbials for PDL therapy.
- (8) Periodontal Dressings.
- (9) Discuss the advances in N.S.A.I.D.'s.
- (10) Gingival temperature measurements role in periodontal diagnosis and treatment planning.

**APRIL 2004**

**[KK 358]**

**Sub. Code : 2313**

**M.D.S. DEGREE EXAMINATION.**

**(Revised Regulations)**

**Branch II — Periodontics**

**Part II**

**Paper III — TREATMENT, PREVENTIVE  
PERIODONTICS AND MAINTENANCES**

**Time : Three hours**

**Maximum : 100 marks**

**Theory : Two hours and  
forty minutes**

**Theory : 80 marks**

**M.C.Q. : Twenty minutes**

**M.C.Q. : 20 marks**

**Answer ALL questions.**

**A. Essay : (2 × 15 = 30)**

(1) Discuss the biologic and esthetic considerations in gingival tissue management.

(2) Describe in detail "Preventive Periodontics".

**B. Short notes : (10 × 5 = 50)**

(1) Non-surgical therapy.

(2) Synthetic bone substitutes.

(3) Splinting.

(4) Powered toothbrushes.

(5) Periodontal microsurgery.

(6) Guided bone regeneration.

(7) Chairside diagnostic test kits.

(8) Subgingival irrigation.

(9) Barrier membranes.

(10) Supportive periodontal treatment.

**AUGUST 2004**

**[KL 358]**

**Sub. Code : 2313**

**M.D.S. DEGREE EXAMINATION.**

**(Revised Regulations)**

**Branch II — Periodontics**

**Part II**

**Paper III — TREATMENT, PREVENTIVE  
PERIODONTICS AND MAINTENANCES**

**Time : Three hours**

**Maximum : 100 marks**

**Theory : Two hours and  
forty minutes**

**Theory : 80 marks**

**M.C.Q. : Twenty minutes**

**M.C.Q. : 20 marks**

**Answer ALL questions.**

**I. Essay :**

**(2 × 15 = 30)**

**(1) Discuss in detail host modulation therapy in the treatment of periodontal disease.**

**(2) Describe the steps in supportive periodontal treatment.**

**II. Short notes :**

**(10 × 5 = 50)**

- (a) Symptoms and causes of recurrence of disease.**
- (b) Evaluation of biologic width**
- (c) Anti infective therapy for periimplantitis**
- (d) Mechanism of bone regeneration in bioglass material.**
- (e) Factors in selection of resective osseous surgery.**
- (f) Basic techniques in gingival curettage.**
- (g) Orthodontic treatment as an adjunct to periodontal therapy in periodontal osseous defects.**
- (h) Role of subgingival irrigation in periodontal therapy.**
- (i) Principles of sonic and ultrasonic instrumentation.**
- (j) Periodontal instrument activation.**



**FEBRUARY 2005**

**[KM 358]**

**Sub. Code : 2313**

**M.D.S. DEGREE EXAMINATION.**

**(Revised Regulations)**

**Branch II — Periodontics**

**Part II**

**Paper III — TREATMENT, PREVENTIVE  
PERIODONTICS AND MAINTENANCE**

**Time : Three hours**

**Maximum : 100 marks**

**Theory : Two hours and  
forty minutes**

**Theory : 80 marks**

**M.C.Q. : Twenty minutes**

**M.C.Q. : 20 marks**

**Answer ALL questions.**

**Draw suitable diagrams wherever necessary.**

**I. Essay : (2 × 15 = 30)**

**(1) Describe in detail the various risk factors,  
risk determinants and risk indicators for periodontal  
disease. (15)**

**(2) Discuss in detail the etiology and  
management of Gingival Recession. (15)**

**II. Short notes : (10 × 5 = 50)**

**(a) Discuss the newer regenerative materials.**

**(b) Management of peri implantitis.**

**(c) Discuss the current status of curettage and  
root planning as a part of periodontal therapy.**

**(d) P.C.R. — Scope and limitations**

**(e) Gingival Temperature Measurements —  
Relevance in periodontal diagnosis?**

**(f) Discuss the role of powered tooth brushes in  
periodontal therapy.**

**(g) C.M.T's — Relevance in periodontal  
treatment procedures?**

**(h) Elaborate on guided bone regeneration as a  
periodontal treatment procedure?**

**(i) Kaposi's Sarcoma.**

**(j) Discuss the role of Splints in periodontal  
therapy.**

**SEPTEMBER 2006**

**[KP 358]**

**Sub. Code : 2313**

**M.D.S. DEGREE EXAMINATION.**

**(Revised Regulations)**

**Branch II — Periodontics**

**Part II**

**Paper III — TREATMENT, PREVENTIVE  
PERIODONTICS AND MAINTENANCES**

**Time : Three hours**

**Maximum : 100 marks**

**Theory : Two hours and  
forty minutes**

**Theory : 80 marks**

**M.C.Q. : Twenty minutes**

**M.C.Q. : 20 marks**

**Answer ALL questions.**

**Draw suitable diagrams wherever necessary.**

**I. Essay questions :**

**(1) Enumerate and discuss various root  
biomodification procedures in regenerative periodontics.  
(20)**

**(2) Discuss causes and management of  
perimplantitis. Add a note on microbiology of failing  
implant. (15)**

**(3). Discuss in detail the various risk factors, risk  
determinants and risk indicators for periodontal  
disease. (15)**

**II. Short notes : (6 × 5 = 30)**

**(a) Guided bone regeneration.**

**(b) Platelet rich plasma.**

**(c) Bioabsorbable local drug delivery devices.**

**(d) Radiographic appearance of furcation  
involvements.**

**(e) Treatment of periodontal abscess.**

**(f) Management of acute herpetic  
gingivostomatitis.**

**MARCH 2007**

**[KQ 358]**

**Sub. Code : 2313**

**M.D.S. DEGREE EXAMINATION.**

**(Revised Regulations)**

**Branch II — Periodontics**

**Paper III — TREATMENT, PREVENTIVE  
PERIODONTICS AND MAINTENANCES**

**(For candidates admitted from the academic year  
1993-94 onwards)**

**Time : Three hours**

**Maximum : 100 marks**

**Theory : Two hours and  
forty minutes**

**Theory : 80 marks**

**M.C.Q. : Twenty minutes**

**M.C.Q. : 20 marks**

**Answer ALL questions.**

**Draw suitable diagrams wherever necessary.**

**I. Essay questions :**

**(1) Discuss evidence based non-surgical  
periodontal therapy. (20)**

**(2) Discuss current research in periodontal  
pharmaco therapeutics. (15)**

**(3) Describe various procedures in  
reconstruction of alveolar defects. (15)**

**II. Short notes :**

**(6 × 5 = 30)**

**(a) Clinical techniques for enhanced periodontal  
prognosis**

**(b) Bis-phosphonates – chemical structure and  
mode of action**

**(c) Role of photo dynamic therapy in  
periodontics**

**(d) Factors that affect the out-come of  
periodontal plastic surgery**

**(e) Surgical techniques for treatment of peri  
implantitis**

**(f) Classification of post treatment periodontal  
patients.**