

MARCH 2007

[KQ 392]

Sub. Code : 2408

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch II — Periodontics

Paper IV — RECENT ADVANCES IN PERIODONTICS

**(For candidates admitted from the Academic Year
2004–05 onwards)**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

(4 × 25 = 100)

1. Discuss the Viral Etiology of periodontal diseases?
 2. Elaborate on the Genetic markers for periodontal diseases.
 3. Discuss the basic principles of Tissue Engineering and its potential applications in periodontal regeneration.
 4. Describe the role of Lasers in periodontal therapy.
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SEPTEMBER 2007

[KR 392]

Sub. Code : 2408

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch II — Periodontics

**(For candidates admitted from the Academic Year
2004–05 onwards)**

Paper IV — RECENT ADVANCES IN PERIODONTICS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw diagrams wherever necessary.

(4 × 25 = 100)

1. Describe in detail the significance of periodontal diseases in the etiology of preterm low birth weight. (25)
 2. Critically analyze the statement “Guided tissue regeneration with barrier membranes is not a total solution for periodontal reconstitution”. (25)
 3. Discuss the relevance of gingival crevicular fluid assays in periodontal diagnosis. (25)
 4. Discuss the current status of periodontal splint. (25)
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MARCH 2008

[KS 365]

Sub. Code : 2408

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch II — Periodontics

(For candidates admitted from the Academic Year 2004-05 onwards)

Paper IV — RECENT ADVANCES IN PERIODONTICS

Q.P. Code : 242408

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw Diagram wherever necessary.

Write Essay question :

(4 × 25 =100)

1. Describe the advanced diagnostic aids used in periodontics.
 2. Critically evaluate the current status of bone grafts in periodontal regeneration.
 3. Discuss the role of host modulation agents in periodontal therapy.
 4. Discuss the role of neutrophils in periodontal health and disease.
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[KT 365]

September 2008

Sub. Code: 2408

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch II – PERIODONTICS

(For Candidates admitted from the Academic Year
2004-2005 onwards)

Paper IV – RECENT ADVANCES IN PERIODONTICS

Q.P. Code : 242408

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(4 X 25 = 100)

1. Genetic studies in Periodontology.
 2. Discuss the scope and limitations of 'Periodontal Microsurgery'.
 3. Describe in detail the causes of failure of ossointegration of dental implants
 4. Discuss the role of gingival crevicular fluid (G.C.F) in periodontal health and disease.
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March 2009

[KU 365]

Sub. Code: 2408

M.D.S. DEGREE EXAMINATION

Branch II – PERIODONTOLOGY

(Revised Regulations)

(For Candidates admitted from 2004 - 2005 onwards)

Paper IV – RECENT ADVANCES IN PERIODONTICS

Q.P. Code : 242408

Time : Three hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagram wherever necessary

I. Essay questions :

(4 x 25 = 100)

1. Tissue engineering – potential applications. Discuss.
2. Immediate implants. Discuss.
3. Discuss recent advances in ultrasonic scaler technology.
4. Discuss photodynamic therapy.

March 2010

[KW 365]

Sub. Code: 2408

M.D.S. DEGREE EXAMINATION

Branch II – PERIODONTOLOGY

(Revised Regulations)

(For Candidates admitted from 2004 - 2005 onwards)

Paper IV – RECENT ADVANCES IN PERIODONTICS

Q.P. Code : 242408

Time : Three hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagram wherever necessary

I. Essay questions :

(4 x 25 = 100)

1. Periodontal vaccines – Scope. Discuss.
2. Discuss periodontal micro surgery.
3. Resolution of inflammation – potential for therapeutics. Discuss.
4. Periodontal disease and diabetes. Discuss.

September 2010

[KX 365]

Sub. Code: 2408

M.D.S. DEGREE EXAMINATION

Branch II – PERIODONTOLOGY

(Revised Regulations)

(For Candidates admitted from 2004 - 2005 onwards)

Paper IV – RECENT ADVANCES IN PERIODONTICS

Q.P. Code : 242408

Time : Three hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagram wherever necessary

I. Essay questions :

(4 x 25 = 100)

1. Discuss about Anti oxidants.
2. Discuss healing following dental implant placement.
3. Discuss lasers in periodontal therapy.
4. Periodontal disease and pre-term labour. Discuss.

October 2011

[KZ 365]

Sub. Code: 2408

**M.D.S. DEGREE EXAMINATION
BRANCH II – PERIODONTOLOGY
PAPER IV – RECENT ADVANCES IN PERIODONTICS**

Q.P. Code : 242408

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Evidence-based periodontal therapy.	15	45	25
2. Stem cells in periodontal regeneration.	15	45	25
3. Lasers in periodontal therapy - discuss.	15	45	25
4. Current concepts in periodontal health in interdisciplinary dentistry.	15	45	25

[LA 365]

APRIL 2012

Sub. Code: 2408

M.D.S. DEGREE EXAMINATION

BRANCH II – PERIODONTOLOGY

PAPER IV – RECENT ADVANCES IN PERIODONTICS

Q.P. Code : 242408

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Role of innate immunity in periodontal ligament and the significance of Toll - like receptors in it.	18	45	25
2. Nano technology in periodontics.	18	45	25
3. Current concepts in microbial specificity in biofilm.	18	45	25
4. Imaging modalities for implant placement and current trends in it.	18	45	25

[LB 365]

OCTOBER 2012

Sub. Code: 2408

**M.D.S. DEGREE EXAMINATION
BRANCH II – PERIODONTOLOGY
PAPER IV – RECENT ADVANCES IN PERIODONTICS
Q.P. Code : 242408**

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Tissue Engineering is the Potential application –Discuss.	18	45	25
2. Resolution of Inflammation is the Treatment of Periodontal disease –Discuss.	18	45	25
3. Lasers in Periodontics.	18	45	25
4. Osteo intergration and the stages of bone healing in Delayed Implants.	18	45	25

[LC 365]

APRIL 2013

Sub. Code: 2408

**M.D.S. DEGREE EXAMINATION
BRANCH II – PERIODONTOLOGY
PAPER IV – RECENT ADVANCES IN PERIODONTICS**

Q.P. Code : 242408

Time : 3 hours

Maximum : 100 marks

(4x25=100)

1. Periodontal regeneration- a focus on growth factors.
2. Gene therapy and its implications in periodontics.
3. Application of ultrasound in periodontics.
4. Computer-assisted implant surgery.

[LD 365]

OCTOBER 2013

Sub. Code: 2408

M.D.S. DEGREE EXAMINATION
BRANCH II – PERIODONTOLOGY
PAPER IV – RECENT ADVANCES IN PERIODONTICS

Q.P. Code : 242408

Time: Three Hours

Maximum: 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

(4 x 25 = 100)

1. Role of antigen presenting cells in periodontal disease progression.
2. Growth factors in periodontal therapy.
3. Clinical considerations of Biomarkers in GCF.
4. Photo dynamic therapy in periodontics

[LE 365]

APRIL 2014

Sub. Code: 2408

**M.D.S. DEGREE EXAMINATION
BRANCH II – PERIODONTOLOGY
PAPER IV – RECENT ADVANCES IN PERIODONTICS**

Q.P. Code : 242408

Time : 3 hours

Maximum : 100 marks

(4x25=100)

1. Maxillary sinus elevation and bone augmentation – Current concepts.
2. Comparison of the microbiological features of chronic and aggressive periodontitis.
3. Critically evaluate reconstructive surgical technique.
4. Systemic administration of antibiotics in periodontal therapy.

[LF 365]

OCTOBER 2014

Sub. Code: 2408

M.D.S. DEGREE EXAMINATION

BRANCH II – PERIODONTOLOGY

PAPER IV – RECENT ADVANCES IN PERIODONTICS

Q.P. Code : 242408

Time : 3 Hours

Maximum : 100 Marks

(4 x 25 = 100)

1. Discuss-periodontal vaccines.
2. Gene therapy and its implications in periodontitis.
3. Discuss- periodontal regeneration – A focus on growth factor.
4. Role of stem cells in periodontal therapy.

[LG 365]

APRIL 2015

Sub. Code: 2408

M.D.S. DEGREE EXAMINATION

BRANCH II – PERIODONTOLOGY

PAPER IV – RECENT ADVANCES IN PERIODONTICS

Q.P. Code : 242408

Time: Three Hours

Maximum: 100 marks

(4 x 25 = 100)

1. Discuss the role of Evidence Based Approach in diagnosis and treatment of periodontal diseases.
2. Role of photodynamic therapy in periodontal diseases.
3. Discuss in detail – Implants – A periodontist perspective.
4. Impact of tissue engineering in periodontal therapy.

[LI 365]

JUNE 2016

Sub. Code: 2408

M.D.S. DEGREE EXAMINATION
(For the Candidates Admitted up to the Academic Year 2012-2013 only)

BRANCH II – PERIODONTOLOGY

PAPER IV – RECENT ADVANCES IN PERIODONTICS

Q.P. Code : 242408

Time : 3 Hours

Maximum : 100 Marks

(4 x 25 = 100)

1. Relationship between periodontal disease and diabetes mellitus, an Asian perspective.
2. Bone morphogenetic proteins and osseointegration current knowledge – future possibilities.
3. Rationale for sedation during periodontal and implant surgical procedures and guidelines.
4. Recent advances in radiographic assessment in periodontal diseases.
