

[LI 364]

JUNE 2016

Sub. Code: 2457

**M.D.S. DEGREE EXAMINATION**  
(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

**BRANCH II – PERIODONTOLOGY**

**PAPER III – CLINICAL PERIODONTOLOGY AND  
ORAL IMPLANTOLOGY**

*Q.P. Code: 242457*

**Time: 3 Hours**

**Maximum: 75 Marks**

**I. Essays:**

**(2 x 20 = 40)**

1. Role of various Growth factors in periodontal therapy.
2. Recent developments in reconstructive periodontal therapy.

**II. Short Notes:**

**(7 x 5 = 35)**

1. Classification of bone grafting materials.
2. Electrosurgery.
3. Implant-Bone interface.
4. Splints used in periodontal therapy.
5. DNA probes.
6. Root biomodification.
7. Laterally repositioned flap.

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[LJ 364]

OCTOBER 2016

Sub. Code: 2457

**M.D.S. DEGREE EXAMINATION**  
(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

**BRANCH II – PERIODONTOLOGY**

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*Q.P. Code: 242457*

**Time: 3 Hours**

**Maximum: 75 Marks**

**I. Essays:**

**(2 x 20 = 40)**

1. GCF – As a marker of periodontal destruction – Discuss.
2. Discuss the current concepts as regards the etiology of pre pubertal periodontitis.

**II. Short Notes:**

**(7 x 5 = 35)**

1. Complement activation – its role in the pathogenesis of periodontal disease.
2. Food impaction in periodontal health.
3. Discuss the rationale and limitation of periodontal therapy during pregnancy.
4. Difference between Pocket depth and attachment level –Your view.
5. EY-YAG Laser in periodontal management.
6. Alendronate – In periodontal therapy.
7. Powered tooth brush in periodontal health.

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[LK 364]

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**Time: 3 Hours**

**Maximum: 75 Marks**

**I. Essays:**

**(2 x 20 = 40)**

1. Discuss in detail about the 'Microbial specificity' with response to periodontal disease.
2. Discuss the protective component of saliva.

**II. Short Notes:**

**(7 x 5 = 35)**

1. Discuss the various culture media used in cultivating periodontal microbiota.
2. Osteointegration in implants.
3. GCF markers of periodontal destruction.
4. Complement activation - its role in the pathogenesis of periodontal disease.
5. D.N.A Probes.
6. Periodontal treatment protocol for medically compromised patients.
7. Ionic tooth brush.

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[LL 364]

OCTOBER 2017

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*Q.P. Code: 242457*

**Time: 3 Hours**

**Maximum: 75 Marks**

**I. Essays:**

**(2 x 20 = 40)**

1. Discuss in detail the management of furcation defects.
2. Explain the various diagnostic aids used in periodontics.

**II. Short Notes:**

**(7 x 5 = 35)**

1. Merits and demerits of ultrasonics in periodontal therapy.
2. Maintenance phase after implants.
3. Prognosis.
4. Vestibular extension procedures with its indication.
5. Supportive periodontal treatment.
6. Probiotics.
7. Use of LASERS in periodontics.

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[LM 364]

MAY 2018

Sub. Code: 2457

**M.D.S. DEGREE EXAMINATION**  
(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

**BRANCH II – PERIODONTOLOGY**

**PAPER III – CLINICAL PERIODONTOLOGY AND  
ORAL IMPLANTOLOGY**

*Q.P. Code: 242457*

**Time: 3 Hours**

**Maximum: 75 Marks**

**I. Essays:**

**(2 x 20 = 40)**

1. Biomarkers of periodontal disease.
2. Factors affecting prognosis of furcation defects.

**II. Short Notes:**

**(7 x 5 = 35)**

1. Photo dynamic therapy in Periodontics.
2. Piezo surgery in Periodontics.
3. Implant decontamination procedures.
4. Anti-coagulant therapy and periodontal treatment.
5. Soft tissue allografts in periodontal therapy.
6. Assessment of primary stability in implants.
7. Keratinized tissue and implant health.

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[LN 364]

OCTOBER 2018

Sub. Code: 2457

**M.D.S. DEGREE EXAMINATION**  
(For the Candidates Admitted from the Academic Year 2013-2014 onwards)

**BRANCH II – PERIODONTOLOGY**

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*Q.P. Code: 242457*

**Time: 3 Hours**

**Maximum: 75 Marks**

**I. Essays:**

**(2 x 20 = 40)**

1. Define Periodontal plastic surgery. Mention various pouch and tunnel technique. Write in detail about Zuchellis technique for root coverage procedure.
2. Classify Endo – perio lesions. Write in detail about the treatment considerations of these lesions.

**II. Short Notes:**

**(7 x 5 = 35)**

1. Periodontal dressing.
2. Diamond Probe.
3. Microdesign of implants.
4. Erbium Chromium:yttrium laser in periodontal treatment.
5. Allografts.
6. Gracey curvettes.
7. Arestin.

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[LO 364]

MAY 2019

Sub. Code: 2457

**M.D.S. DEGREE EXAMINATION**  
(For the Candidates Admitted from the Academic Year 2013-2014 to 2017-2018)

**BRANCH II – PERIODONTOLOGY**

**PAPER III – CLINICAL PERIODONTOLOGY AND  
ORAL IMPLANTOLOGY**

*Q.P. Code: 242457*

**Time: 3 Hours**

**Maximum: 75 Marks**

**I. Essays:**

**(2 x 20 = 40)**

1. Ridge augmentation and vertical alveolar ridge defects.
2. Discuss in detail about platform switch implants – indication, contraindication and future modifications.

**II. Short Notes:**

**(7 x 5 = 35)**

1. Biology of wound healing.
2. Osteoconductive bone graft.
3. Periodontal management of geriatric patients.
4. Occlusal therapy.
5. Salivary markers.
6. BANA test.
7. Periodontal vaccines.

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[LP 364]

OCTOBER 2019

Sub. Code: 2457

**M.D.S. DEGREE EXAMINATION**  
(For the Candidates Admitted from the Academic Year 2013-2014 to 2017-2018)

**BRANCH II – PERIODONTOLOGY**

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*Q.P. Code: 242457*

**Time: 3 Hours**

**Maximum: 75 Marks**

**I. Essays:**

**(2 x 20 = 40)**

1. Write in detail about the periodontal management of HIV – Infected patients.
2. Write in detail about maxillary sinus elevation and its current concepts.

**II. Short Notes:**

**(7 x 5 = 35)**

1. Atridox.
2. EDTA.
3. Host modulation therapy.
4. Low light laser therapy.
5. Collagen membrane.
6. Prevention of peri-implantitis.
7. Minimal invasive – surgery.

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[LQ 364]

NOVEMBER 2020  
(MAY 2020 SESSION)

Sub. Code: 2457

**M.D.S. DEGREE EXAMINATION**  
(For the Candidates Admitted from the Academic Year 2013-2014 to 2017-2018)

**BRANCH II – PERIODONTOLOGY**

**PAPER III – CLINICAL PERIODONTOLOGY AND  
ORAL IMPLANTOLOGY**

*Q.P. Code: 242457*

**Time: 3 Hours**

**Maximum: 75 Marks**

**I. Essays:**

**(2 x 20 = 40)**

1. Discuss about various techniques to increase width of Attached Gingiva.
2. Role of Ozone in Periodontal therapy.

**II. Short Notes:**

**(7 x 5 = 35)**

1. Write about Salivary  $\beta$ -glucuronidase.
2. Low light LASER therapy.
3. Discuss about Interleukin – 1.
4. Prevention of peri-implantitis.
5. Write a note on Powered Tooth Brush.
6. Incidental attachment loss – evaluate.
7. Explain briefly about microsurgery.

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[MDS 0721]

JULY 2021  
(MAY 2021 SESSION)

Sub. Code: 2457

**M.D.S. DEGREE EXAMINATION**  
(For the Candidates Admitted from the Academic Year 2013-2014 to 2017-2018)

**BRANCH II – PERIODONTOLOGY**

**PAPER III – CLINICAL PERIODONTOLOGY AND  
ORAL IMPLANTOLOGY**

*Q.P. Code: 242457*

**Time: 3 Hours**

**Maximum: 75 Marks**

**I. Essays:** **(2 x 20 = 40)**

1. Tissue engineering concepts in Periodontal Regeneration.
2. Discuss in detail on the factors Affecting success and Predictability of root Coverage Procedures.

**II. Short Notes:** **(7 x 5 = 35)**

1. Re-Osseointegration.
2. Low Level Laser Therapy.
3. Minimally Invasive Surgical Techniques.
4. Modified Widman Flap.
5. Bleeding on Probing as a Prognostic Indicator of Periodontal Disease.
6. Third Generation Probes.
7. Augmentation of Vertical Ridge Defects.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[MDS 0622]**

**JUNE 2022  
(MAY 2022 SESSION)**

**Sub. Code: 2457**

**M.D.S. DEGREE EXAMINATION  
(For the candidates admitted from the Academic Year 2013-2014 to 2017-2018)**

**FINAL YEAR  
BRANCH II – PERIODONTOLOGY  
PAPER III – CLINICAL PERIODONTOLOGY AND  
ORAL IMPLANTOLOGY**

***Q.P. Code: 242457***

**Time: 3 Hours**

**Answer ALL Questions**

**Maximum: 75 Marks**

**I. Essays:**

**(2 x 20 = 40)**

1. Discuss the current status of Non Surgical Periodontal Therapy in the treatment of Periodontal Diseases.
2. Role of various Growth Factors in Periodontal Therapy.

**II. Short Notes:**

**(7 x 5 = 35)**

1. Evidence Based Periodontal Therapy.
2. Alloplastic Bone Graft Substitutes.
3. Various Modalities of Healing after Periodontal Therapy.
4. Factors Contributing to Osteointegration.
5. Modifications of Connective Tissue Grafts.
6. Risk Assessment for Periodontal Diseases.
7. Microsurgery in Periodontal Therapy.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[MDS 1022]**

**OCTOBER 2022**

**Sub. Code: 2457**

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

**(For the candidates admitted from the Academic Year 2013-2014 to 2017-2018)**

**FINAL YEAR**

**BRANCH II – PERIODONTOLOGY**

**PAPER III – CLINICAL PERIODONTOLOGY AND  
ORAL IMPLANTOLOGY**

***Q.P. Code: 242457***

**Time: 3 Hours**

**Answer ALL Questions**

**Maximum: 75 Marks**

**I. Essays:**

**(2 x 20 = 40)**

1. Write in detail about the use of Systemic Antibiotics in the Management of Periodontal Disease.
2. Critically evaluate various Aspects of Supportive Periodontal Therapy.

**II. Short Notes:**

**(7 x 5 = 35)**

1. Chemically Modified Tetracycline.
2. Discuss the Advances in Microbiological Analysis in Periodontics.
3. Photodynamic Therapy.
4. Osseointegration.
5. Guided Bone Regeneration.
6. Role of Lasers in Periodontal Therapy.
7. Minimally Invasive Surgical Technique.

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