I. Elaborate on: 

1. Define gingiva. Compare and contrast the clinical and histological features of normal gingiva with the clinical and histopathological features of chronic gingivitis.

2. Define gingivectomy. Describe in detail its indications and surgical procedure.

II. Write Notes on: 

1. Bundle bone.
2. Curettes.
3. Hypercementosis.
4. Pericoronitis.
5. Biological width.
6. GCF.
7. Bone Lipping.
8. Periimplantitis.
10. Specific Plaque hypothesis.

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FOURTH YEAR B.D.S. DEGREE EXAM  
(Common to Final Year Paper V - Modified Regulations III and  
Final Year Paper IV - New Modified Regulation Candidates)

PAPER IV – PERIODONTOLOGY  
*Q.P Code: 544219*

**Time: 180 Minutes**  
**Maximum: 70 Marks**

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

1. Define Prognosis. Discuss in detail the role of determining prognosis in the management of periodontal disease.

2. Discuss the etiology, histopathology, clinical features and treatment of Aggressive Periodontitis.

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

1. Tooth mobility.
2. ENAP.
3. Functions of saliva.
4. Tetracycline.
5. Attached gingiva.
6. Periochip.
7. Trans-endothelial migration.
8. Stages of gingival inflammation.
9. CEJ.
10. Cytokines.

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

1. Classify periodontal diseases and conditions.

2. Define plaque. Write about the classification, composition and formation of plaque.

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

1. Role of stress in periodontitis.
2. Interdental Brushes.
3. Osseous Crater.
4. Functions of periodontal ligament.
5. Risk indicators.
6. Clinical features of Chronic Periodontitis.
7. Peri implantitis.
8. Drug induced gingival enlargement.
9. Suture material.
I. Elaborate on:  

1. Define gingival recession. Classify it and write in detail about lateral repositioning flap surgery.


II. Write Notes on:  

1. Contents of periodontal pocket.
2. Osseointegration.
3. Pathologic tooth migration.
4. Tetracycline in periodontal therapy.
5. Gingivectomy.
7. Differentiate cellular and a cellular cementum.
8. Osteoplasty and ostectomy.
10. Polishing instruments.
FOURTH YEAR B.D.S. DEGREE EXAM
(Common to Final Year Paper V - Modified Regulations III and
Final Year Paper IV - New Modified Regulation Candidates)

PAPER IV – PERIODONTOLOGY

Q.P Code: 544219

Time: 180 Minutes                                    Maximum: 70 Marks

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

1. Define and classify periodontal flaps. Discuss the modified
   widman flap in detail.

2. Describe the clinical and microscopic features of Gingiva.

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

1. Stages in gingivitis.
2. Halitosis.
3. Tooth mobility.
4. Periodontal abscess.
5. Diabetes and periodontal health.
6. Periotemp.
7. Biological width.
8. Define new attachment and repair.
10. Supportive periodontal therapy and its importance.

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

1. Define prognosis? Discuss the factors which influence the individual prognosis of a tooth?

2. Clinical features and management of ANUG.

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

2. Classification of gingival fibers.
3. Chlorhexidine.
4. Etiology of gingival recession.
5. Trauma from occlusion.
6. Ultrasonics.
7. Host modulation agents.
8. Hemisection.
9. Root surface biomodification.
10. Lasers in periodontal therapy.