

**Periodontology**

**Time: 3 Hours**

**Max Marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

**Essays**

**(2x14=28)**

1. What is dento-gingival unit. Discuss about junctional epithelium and add a note on its development. (2+9+3=14)
2. Define and classify flap. Discuss in detail about modified Widman flap (2+3+9=14)

**Short essays**

**(4x8=32)**

3. Differentiate between supra gingival and sub gingival calculus. Explain the mineralization of calculus. (3+5=8)
4. Define pocket. Describe about the pathogenesis of periodontal pocket (2+6=8)
5. Define prognosis. Explain the factors affecting overall prognosis (2+6=8)
6. Enumerate root coverage procedures. Discuss in detail about sub-epithelial connective tissue graft (4+4=8)

**Short notes**

**(10x4=40)**

7. Periodontal probes
8. Principle fibers of periodontal ligament
9. Structure of biofilm
10. Periodontal dressings
11. Rationale behind guided tissue regeneration
12. Iatrogenic factors causing periodontal disease
13. Tetracycline in periodontal therapy
14. Pathologic stages of chronic gingivitis
15. Influence of periodontal disease on cardiovascular diseases.
16. Types of splinting.

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