

**VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)**

**BDS DEGREE EXAMINATION – February 2020
Fourth Year**

PERIODONTOLOGY

Time: Three hours

Maximum: 100 marks

**SECTION – A
Answer ALL Questions**

I. ESSAY: (1 x 15 = 15)

1. Define and classify periodontal flap. Write the indications of periodontal flap surgery. Write in detail step by step procedure of modified Widman flap with diagrams.

II. WRITE SHORT NOTES ON: (3 x 5 = 15)

2. Define calculus. Mention the methods to detect calculus. Write a note on the composition of supragingival and subgingival calculus.
3. Discuss principal fibres of periodontal ligament with diagram.
4. Classify Furcation involvement. Describe hemisection, root resection and bicuspidization with the help of diagrams.

III. WRITE BRIEFLY ON: (10 x 2 = 20)

5. Biologic width
6. Radius of action
7. William's periodontal probe
8. Modified pen grasp
9. Non-specific plaque hypothesis
10. Osseointegration
11. Causes of tooth mobility.
12. Dental floss
13. Periostat
14. Periodontal manifestations of AIDS.

SECTION – B

Answer ALL Questions

IV. ESSAY:

(1 x 15 = 15)

15. Define and classify Trauma from occlusion. Write in detail about the pathogenesis, clinical features, radiological features and tests to detect TFO.

V. WRITE SHORT NOTES ON:

(3 x 5 = 15)

16. Classify Endo-Perio lesions.
17. Discuss the principle of Guided tissue regeneration. Add a note on the generations of barrier membranes.
18. Halitosis.

VI. WRITE BRIEFLY ON:

(10 x 2 = 20)

19. Attached gingiva.
20. Fenestration and dehiscence
21. Enumerate 4 periodontal pathogens.
22. Root biomodification.
23. Atridox
24. Schroeder's classification of cementum
25. Gingival index by Loe and Silness
26. Management of acute periodontal abscess
27. Materia alba
28. False enlargement.

(Sl.No.M22028)