

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

**BDS DEGREE EXAMINATION – August 2019
Fourth Year**

ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

Time: Three hours

Maximum: 100 marks

**SECTION – A
Answer ALL Questions**

I. ESSAY: (1 x 15 = 15)

1. Explain in detail the biology associated with orthodontic tooth movement. Comment upon the possible iatrogenic effects of inappropriate forces.

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

2. Reinforced anchorage
3. Gumpads
4. Theorems of Retention.

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

5. Soldering
6. Ugly duckling stage
7. Peck and Peck Analysis
8. Jackson's Triad
9. Flush Terminal plane
10. Tweeds Triangle
11. Simons Law of canine
12. Slow Expansion Appliance
13. Transpalatal Arch (TPA)
14. Precision.

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SECTION – B
Answer ALL Questions

IV. ESSAY: **(1 x 15 = 15)**

15. Define orthodontics. Write in detail about post-natal growth and mandible

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

16. Rapid Maxillary Expansion.

17. Ackerman and Proffit classification of malocclusion

18. Types of tooth movement.

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

19. Couple Force.

20. Chincup

21. Midline diastema

22. Primate space

23. Corticotomy

24. Space regainers

25. Y-Axis

26. Bakers Anchorage

27. Pont's Analysis

28. Andrew Six Keys of occlusion.

(Sl.No.M21522)