

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

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

ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS

Time: Three hours

Maximum: 100 marks

**SECTION – A
Answer ALL Questions**

I. ESSAY: (1 x 15 = 15)

1. Define retention and release. Describe the various theories of retention.

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

2. Anterior crossbite- aetiology and its management.
3. Long face syndrome.
4. Discuss the role of muscles in malocclusion.

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

5. Finger spring.
6. Clinical evaluation of facial profile.
7. Catalan's appliances.
8. Butler's field theory.
9. Bone remodeling.
10. Genioplasty.
11. Kesling's diagnostic setup.
12. Undermining resolution.
13. Active space maintainer.
14. Spheno- occipital synchondrosis.

(p.t.o)

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SECTION – B

Answer ALL Questions

IV. ESSAY:

(1 x 15 = 15)

15. Define various modalities of treatment of skeletal class II malocclusion in growing children.

V. WRITE SHORT NOTES ON:

(3 x 5 = 15)

16. Safety valve mechanism.

17. Tipping vs bodily movement.

18. Simple vs complex tongue thrust.

VI. WRITE BRIEFLY ON:

(10 x 2 = 20)

19. Centre of resistance.

20. Key ridge.

21. ANB angle.

22. Apertognathia.

23. Nasolabial angle.

24. Cortical anchorage.

25. Carpal index.

26. Supracrestal fiberotomy.

27. V.T. O.

28. Lip bumper.

(Sl.No.M22027)