

--	--	--	--	--	--	--	--	--	--

BDS

4th YEAR EXAMINATION

ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS

[Time – Three Hours]

[Maximum Marks : 70]

Note- The question paper is divided into two sections A & B. Attempt all questions as per instructions. Draw diagrams wherever necessary

SECTION-A

- Q.1** Enumerate the different theories of tooth movement and discuss the Pressure-Tension theory in detail [2+6]
- Q. 2** Problem based Question:- [6X2=12]
- (a) A 12 year old patient present with high and narrow arches with posterior cross bite. Identify the etiology, diagnosis and treatment plan for this patient [2+2+2]
- (b) Discuss the various interceptive procedures used for treatment of malocclusion. [6]
- Q. 3.** Discuss classification; etiology and management of open bite. [5]
- Q. 4** MCQs (Attached separately) (10)

SECTION-B

- Q. 5** Define and Classify Anchorage. Discuss the Extra-oral and Intra-oral sources for anchorage. Write a note on anchorage loss [2+2+2+2]
- Q. 6** Problem based question [6X2=12]
- (a) A 11 year old presented with SNA angle of 87° and SNB angle of 82°. Discuss the diagnosis, etiology and treatment plan for this patient. [2+2+2]
- (b) Discuss the etiology and management of anterior-cross bite. [3+3]
- Q. 7** Write short note on:- [5X3=15]
- (a) Tweed Diagnostic Triangle
- (b) Method of recording Construction bite for myofunctional appliance
- (c) Buccinator mechanism

Enrolment No.

--	--	--	--	--	--	--	--	--	--

4. Multiple Choice Questions : (Write the correct option in the box) [1x10=10]

1. When the diameter of wire is doubled the force exerted on teeth is ? ()

- a. 8 times
- b. $\frac{1}{2}$
- c. 4 times
- d. 16 times

2. Venn diagram and set theory is characteristic of which classification : ()

- a. Angle's classification
- b. Simon's classification
- c. Ackerman and Profitt classification
- d. Bennet

3. Extractions done in due course of an orthodontic treatment is called: ()

- a. Balancing extractions
- b. Compensatory extractions
- c. Wilkinson's extractions
- d. Therapeutic extractions

4. Infantile Swallow is characterized by: ()

- a. Jaws apart with tongue between gum pads
- b. Tongue tip held against palate behind incisors
- c. Minimal contraction of lips during swallow
- d. A & B

5. Apertognathia is another name for: ()

- a. Openbite
- b. Anterior crossbite
- c. osterior crossbite
- d. Prognathism

6. Incisal liability in an average in the maxillary arch is: ()
a. 3mm
b. 6mm
c. 4mm
d. 7.5mm
7. Anterior Bolton ratio is: ()
a. 91.3%
b. 61.7%
c. 82.3%
d. 77.2%
8. Which of the following bones is NOT directly involved in the structure of the temporomandibular joint? ()
a. Maxilla
b. Temporal bone
c. Mandible
d. Occipital
9. Symmetric anterior open bite with normal posterior intercuspation is characteristic of ()
a. Thumb sucking
b. Dummy sucking
c. Mouth breathing
d. Finger sucking
10. Who first advocated the opening of mid palatal suture to expand the dental arch? ()
a. Raymond Begg
b. Edward Angle
c. Emerson C. Angell
d. Pierre Fauchard
