

FINAL B.D.S. SEM-I (2008 COURSE) : SUMMER - 2018
SUBJECT: ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS

Day : **Tuesday**
Date : **08/05/2018**

S-2018-3593

Time: **09.00 AM TO 12.00 NOON**
Max. Marks: 70.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer books.
- 4) Draw diagrams **WHEREVER** necessary.

SECTION-I

- Q.1** Answer the following (Essay Type) (**ANY ONE**): **(10)**
- a) Classify and discuss various methods to study growth.
 - b) Enumerate theories of growth. Discuss prenatal and postnatal growth of the mandible.
- Q.2** Write short notes on (**ANY THREE**) **(15)**
- a) Simon's classification of malocclusion.
 - b) Difference between simple and complex tongue thrust.
 - c) Factors responsible for maintaining normal occlusion.
 - d) Disadvantages of removable appliances.
 - e) Mixed dentition analysis.
- Q.3** Answer the following (**ANY FIVE**) **(10)**
- a) Anterior component of force.
 - b) Differentiate between frontal and undermining resorption.
 - c) Enumerate 4 retentive clasps used in removable appliances.
 - d) What are Synchronosis? Enumerate different types of Synchronosis.
 - e) Classify diagnostic aids?
 - f) Discuss Incisal Liability.

SECTION-II

- Q.4** Answer the following (Essay Type) (**ANY ONE**): **(10)**
- a) Enumerate theories of Orthodontic tooth movement. Discuss the pressure-tension theory in detail.
 - b) Classify etiology of malocclusion. Discuss the etiopathogenesis of cleft lip and palate.
- Q.5** Write short notes on (**ANY THREE**) **(15)**
- a) Active stabilization.
 - b) Theorems of retention.
 - c) Twin block appliance.
 - d) Envelope of discrepancy.
 - e) Adenoid facies.
- Q.6** Answer the following (**ANY FIVE**) **(10)**
- a) Rationale for serial extraction.
 - b) What is reverse piezoelectricity?
 - c) Enumerate 4 appliances used for molar distalization.
 - d) What is Dunlop's beta hypothesis?
 - e) Enumerate drugs that affect orthodontic tooth movement.
 - f) What is "decompensation" in surgical orthodontics?

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