

BACHELOR OF DENTAL SURGERY (2008 COURSE)
FINAL B.D.S. Sem-I : WINTER :- 2021
SUBJECT: ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Day : Wednesday
Date 30-Mar-2022

W-8987-2021

Time : 09:00 AM-12:00 PM
Max. Marks: 70

N.B.:

- 1) Figures to the **RIGHT** indicate full marks.
- 2) Draw diagrams wherever necessary.
- 3) Answer Section-I and Section-II in **SEPARATE** answer books.

SECTION-I

- Q.1** Answer the following (Essay type) (**ANY ONE**) **(10)**
- a) Describe in detail various methods by which we can influence the growth of maxilla by orthodontic treatment.
 - b) Describe the postnatal growth of the mandible.
- Q.2** Write short notes on (**ANY THREE**) **(15)**
- a) Functional shift of mandible.
 - b) Gum pad stage.
 - c) Muscle Anchorage.
 - d) Limitations of planning orthodontic treatment only on the basis of study models.
- Q.3** Answer the following (**ANY FIVE**) **(10)**
- a) What is etiology of unilateral maxillary canine impaction?
 - b) Write causes for ectopic eruption of maxillary first molar.
 - c) Write definition of Orthodontia (B.S.S.O.)
 - d) Write any 3 contraindications of serial extraction procedure.
 - e) Write 3 causes for thumb sucking habit.
 - f) What is Dual bite?

SECTION-II

- Q.4** Answer the following (Essay type) (**ANY ONE**) **(10)**
- a) Patient age 7 yrs. with convex profile reported for correction of anterior cross bite. Clinical examination revealed retained upper both primary central incisors and lingually erupting upper permanent incisors. Discuss the diagnosis and your line of treatment with justification.
 - b) What are the myofunctional appliances? Write indications, contraindications, advantages, disadvantages and mode of action of activator.
- Q.5** Write short notes on (**ANY THREE**) **(15)**
- a) Torquing of teeth in Orthodontics
 - b) Invisible retainers
 - c) Treatment protocol for growing class III patients
 - d) Clicking of TMJ.
- Q.6** Answer the following (**ANY FIVE**) **(10)**
- a) Name the conditions which need prolonged retention after orthodontic corrections
 - b) Write of 3 indications for molar distalization
 - c) Draw and label diagram of expansion screw used for parallel expansion
 - d) Write disadvantages of prolonged use of catalance appliance
 - e) What is Pre-adjusted bracket?
 - f) Write 3 disadvantages of inter-proximal stripping.

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