

Final B.D.S. Sem-I (2008 Course) : SUMMER - 2019
SUBJECT : ORTHODONTICS & DENTOFACIAL ORTHOPEDICS

Day : Thursday
Date : 06/06/2019

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

S-2019-4050

N.B. :

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

SECTION – I

Q.1 Long Essay Questions (**ANY ONE**) : **(10)**

- a) Define growth. Describe prenatal and postnatal growth of mandible.
- b) Classify diagnosis aids used in orthodontics. Explain various essential diagnostic aids.

Q.2 Short Essay Questions (**ANY THREE**) : **(15)**

- a) Explain early and late mesial shift of molars.
- b) Andrews 6 keys of occlusion.
- c) Classify diagnostic aids. Write limitations of OPG.
- d) Ackermann Profit classification of malocclusion.

Q.3 Write short answers (**ANY FIVE**) : **(10)**

- a) Enumerate steps in orthodontic treatment planning.
- b) What are primate spaces?
- c) What is incisal liability?
- d) What are synchondroses?
- e) What is reciprocal anchorage? Give examples.
- f) Write a note on Ugly Duckling stage.

SECTION - II

Q.4 Long Essay Questions (**ANY ONE**) : **(10)**

- a) Enumerate theories of tooth movement. Describe pressure tension theory in detail.
- b) An 11 year old girl reports to clinic with a convex profile and long face. Give the differential diagnosis and treatment plan for same.

Q.5 Short Essay Questions (**ANY THREE**) : **(15)**

- a) Explain the philosophy of Frankels functional regulator.
- b) Active stabilization.
- c) Moment : Force ratio
- d) Schools of thought of Retention

Q.6 Write short answers (**ANY FIVE**) : **(10)**

- a) Rationale for serial extractions.
- b) What is reverse piezoelectricity?
- c) Enumerate 4 appliances used for molar distalization.
- d) Enumerate 4 different modifications of labial bows used in removable appliances.
- e) Enumerate drugs that inhibit orthodontic tooth movement.
- f) Infant Orthopedics.

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