

Printing Page(s) : 1+1 Paper Code : BDS-405

(B) (SVSU:2021-22/R)

Enrolment No.

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BDS
4th YEAR EXAMINATION
ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS

Time : 3 Hours]

[Max. Marks : 70]

Note: The question paper is divided into two Sections A & B. Attempt all questions as per instructions. Draw diagram wherever necessary.

SECTION-A

- Q.1 Define the growth and development and discuss the pre and post natal growth of Nasomaxillary complex in detail. [2+6=8]
- 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
- (b) Discuss the Self-correcting anomalies in pre dentate, mixed dentition and permanent dentition
- Q.3. Discuss classification; etiology and management of deep 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=8]
- Q.6 Problem based question (6X2=12)
- (a) A 11 year old presented with SNA angle of 87° and SNB angle of 78°. Discuss the diagnosis, etiology and treatment plan for this patient. [2+2+2=6]
- (b) Discuss the etiology and management of anterior-cross bite. [3+3=6]
- Q.7 Write short note on:- [5X3=15]
- (a) Tissue changes during Undermining resorption
- (b) Method of recording Construction bite for myfunctional appliance
- (c) Enlows 'V' Principle

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

1. In lateral Cephalogram, the distance at which film is placed from mid saggital plane

- a. 10 cm b) 12 cm c) 15 cm d) 17 cm

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. Self correcting conditions are all of the following except:

- a) Ugly duckling stage b) Primate spaces
c) Leeway space d) Class II molar relationship

5. Apertognathia is another name for:

- a) Openbite b) Anterior crossbite c) Posterior crossbite d) Prognathism

6. Incisal liability is on 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 one of these is a mixed dentition analysis?

- a) Bolton's analysis b) Moyer's analysis c) Ashley – Howe's analysis
d) Carey's analysis

9. Well aligned deciduous dentition is an indication for:

- a) Potential crowding b) Potential spacing c) Well aligned permanent teeth
d) Mesio-occlusion

10. Drug used in vital staining for studying growth is :

- a. Thalidomide b) Isotretinoin c) Acetone d) Alizarine
