Question Paper

Exam Date & Time: 22-Jul-2024 (02:15 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION FINAL BDS PART - I DEGREE EXAMINATION - JULY 2024 SUBJECT: ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS (IR BATCH)

Mar	ks: 60	Duration: 165 mins.
Answer all the questions.		
Draw diagrams and flowcharts wherever appropriate.		
Essa	y Question:	
1)	Classify Anchorage. Explain in detail the sources of anchorage.	
		(2+8 = 10 marks)
2)	Define Oral habits. Explain in detail Tongue thrusting habit.	
		(2+8 = 10 marks)
3)	Short Notes:	
		(4 marksx10 = 40 marks)
3A)	Plan the steps in the design and components of Frankel 2 appliance.	
3B)	List the Theorems of retention.	
3C)	List the reference planes and Sketch the reference planes used in Sin	mon's Classification

- 3D) A 10 year old male reports to the clinic with a SNA =80° and SNB = 87° and a concave profile and posterior divergence. His CVMI is stage 2. Diagnose the problem and formulate treatment plan.
- 3E) Sketch the Scammon's growth curve with explain significance.
- 3F) Categorize the Principles of Welding
- 3G) Discuss the etiology of Cleft lip and palate.
- 3H) During fixed orthodontic treatment, a force of 150 grams applied on maxillary right canine moves the tooth about 1mm/month. In a 16-year old male patient, a force of 200 gm was applied during canine retraction, and the tooth movement observed was 0.3 mm. Analyse and interpret the clinical scenario and the reason for underlying phenomenon.
- 3I) Define Preventive Orthodontics and outline the various clinical preventive procedures.
- 3J) Identify the Indications and Contraindications of Rapid Maxillary Expansion

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