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Answer Sheet No.	00
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DENTAL HYGIENE HSSC-I

SECTION - A (Marks 20)

Time a	llow	ed:	25 N	Minutes
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NOTE: Section—A is compulsory and comprises pages 1-2. All parts of this section are to be answered on the question paper itself. It should be completed in the first 25 minutes and handed over to the Centre Superintendent. Deleting/overwriting is not allowed. Do not use lead pencil.

Q. 1	Circle the correct option l.e. A / B / C / D. Each part carries one mark.						
	(i)	Strat	Stratified squamous epithelium is made of:				
		A.	One layer of cells	B.	Two layers of cells		
		C.	Several layer of cells	D.	None of these		
	(ii)	The I	•				
		Α.	Formation of thrombin	B.	Formation of a fibrin meshwork		
		C.	Formation of platelets	D.	Formation of antihaempilic factor		
	(iii)	The	motor nerves supply the:				
		A.	Voluntary muscles	B.	Sensory Organs		
		C.	Red blood cells	D.	Retina		
	(iv)	The mandible allows the insertion of lateral pterygoid muscle at:					
		A.	External oblique line	B.	Inferir border of mandible		
		C.	Alveolar process	D.	Neck of mandible		
	(v)	Temporomandibular joint is the only joint in skull which is:					
		A.	Moveable	B.	Overlapping		
		C.	Basic	D.	Suture		
	(vi)	The temporomandibular joint has:					
		A.	Stylomandibular ligament only	B.	Sphenomandibular ligament only		
		C.	Temporomandibular ligament only	D.	All of these		
	(vii)) The oral cavity extends from lips to:					
		A.	Palato pharyngio fold	B.	Palate glossal folds		
		C.	Glottis	D.	Cheeks		
	(viii)	The orbicularis oris muscle is supplied by:					
		A.	Facial nerve	B.	Vestibular nerve		
		C.	Mandibular nerve	D.	Maxillary nerve		
	(ix)	Which of the structure is NOT formed on upper central incisor?					
		A.	Cusp	B.	Incisal Edge		
		C.	Cingulum	D.	Mammelion		
	(x)	The premolars are eight in number in an oral cavity. They are also called:					
		A.	Tricuspid teeth	B.	Bicuspids		
		C.	One Cuspid	D.	Buccal Cuspid only		
	(xi)) The upper first Molar has three roots. The longest root is:					
		A.	Mesiobuccal	B.	Distobuccal		
		C.	Palatal	D.	All roots equally sized		

DO NOT WRITE ANYTHING HERE

(xii)	The a	meloblasts and enamel develop from the		
(////	A.	Inner Enamel epithelium	В.	Stratum Intermedium
	C.	Stellate reticulum	D.	External epithelium
(xiii)		dontal ligament is derived from:		
(/////	A.	The dental follicle between developing	root and	d alveolar bone
	В.	Periodontoblast	1001 4	
	C.	Cementoblast		
	D.	Hertwigs Sheath		
(xiv)		oulp nerve supply is of two types:		
(****)	Α.	Sympathetic and parasympathetic	В.	Parasympathetic and sensory
	C.	Sensory and sympathetic	D.	None of these
(xv)	A we	dge shaped defect with no covering bone	on tootl	n is called:
` '	A.	Bone cavity	В.	Alveolar cavity
	C.	Dehiscence	D.	Cohesence
(xvi)	Two	conditions which alter the dental hygienist	's treatr	ment plan could be:
	A.	Rheumatic fever and serum hepatitis	B.	Syphilis and T.B
	C.	Herpes simplex and T.B	D.	Common cold and Influenza
(xvii)	Exce	ssive Insulin may cause:		
	A.	Hypoglycemia	B.	Hyperglycemia
	C.	Glucagon shock	D.	Mental shock and depression
(xviii)	At wh	nat age does the upper canine erupt?		
	A.	13 years	В.	18-21 year s
	C.	9 years	D.	10 years
(xix)	The swallowing of food is called Deglutition. It has:			
	A.	Four phases	B.	Three phases
	C.	Two phases	D.	Five phases
(xx)	The f	ree gingiva is:		
	A.	Non Keratinized	В.	Keratinized
	C.	Dramatised	D.	None of these
For E	xamine	er's use only:		Marks: 20
		—— 1HA 154	13	



DENTAL HYGIENE HSSC-I

Time allowed: 2:35 Hours

Total Marks Sections B and C: 80

Answer any ten parts from Section 'B' and any three questions from Section 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

SECTION - B (Marks 50)

Q. 2 Answer any TEN parts. The answer to each part should not exceed 2 to 4 lines. $(10 \times 5 = 50)$

- (i) Write a short note on Aspirin.
- (ii) Write a short note on Metronidazole.
- (iii) What is fainting? How would you manage the patient in dental surgery?
- (iv) How do you check the treatment room and equipment according to check list in dental surgery?
- (v) What is root plaining?
- (vi) Name the Muscles of chewing tooth respective functions.
- (vii) How would you sterilize cotton wool rolls?
- (viii) Write a short note on pathogenicity of organism.
- (ix) What is a connective tissue?
- (x) Draw and label Tempromandibular joint. Name the structures and its functions.
- (xi) Name the stages of development of tooth. At what stage does Amelogenesis start?
- Name the structures of Periodental ligament. Write a short note on fibres of periodontal ligament. (xii)
- (xiii) Briefly indicate eruption dates of deciduous and permanent teeth.
- What are the chief features of acute inflammation? Briefly describe the vascular response. (xiv)
- (xv) Describe a neurone.

SECTION - C (Marks 30)

Note: Attempt any THREE questions. All questions carry equal marks. $(3 \times 10 = 30)$

- **Q.3** Describe fainting under the following headings:
 - a. Aetiology
 - b. Clinical picture
 - Treatment C.
- In order that the patient gains a good impression of dentistry from start of Dental treatment, what factors should **Q.4** be checked?
- How would you minimize bleeding in scaling? What are the common agents used to control gingival bleeding? **Q.5**
- **Q.6** Describe gingival crevice and its clinical significance.
- **Q.7** Describe the mechanism of clotting of blood.