DENTAL SURGEON

Time Allowed: Two Hours		Marks: 100
Name:	Roll No.	

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

Read instructions given below before opening this booklet:

- 1. Use only **BLUE Ball Point** Pen.
- 2. In case of any defect Misprint, Missing Question/s Get the booklet changed. No complaint shall be entertained after the examination.
- 3. Before you mark the answer, read the instruction on the OMR Sheet (Answer Sheet) also before attempting the questions and fill the particulars in the ANSWER SHEET carefully and correctly.
- 4. There are FOUR options to each question. Darken only one to which you think is the right answer. There will be no Negative Marking.
- 5. Answer Sheets will be collected after the completion of examination and no candidate shall be allowed to leave the examination hall earlier.
- 6. The candidates are to ensure that the Answer Sheet is handed over to the room invigilator only.
- 7. Rough work, if any, can be done on space provided at the end of the Question Booklet itself. No extra sheet will be provided in any circumstances.
- 8. Write the BOOKLET SERIES in the space provided in the answer sheet, by darkening the corresponding circles.

DS-12

Series-A

1	The congenital absence of a. Hypodontia	many teeth is termed b. Anodontia	as c. Oligodontia	d. Diphyodontia
2.	The abnormal loss of tooth a. Erosion	structure due to non b. Abrasion	masticatory, non mecha c. Attrition	nical means d. Abfraction
3.	The Greater palatine foram a. First Molar c. Second Molar	en is located distal to	the apex of maxillary: b. Second Premolar d. Canine	
4.	Which ligament is most lik injection?	ely to get damaged, w	hile giving an inferior al	lveolar nerve block
	a. Sphenomandibularc. Stylomandibular Li	Ligament gament	b. Temporomandibud. Pterygomandibula	
5.	Which one of the following a. Incresed Vascular R c. Myocardial Ischaem	Lesistance	of General Shock? b. Bradycardia d. Adrenergic respon	ise
6.	The nerve block is induced a. Calcium ions c. Potassium ions	by local anesthetics b	by decreasing the perme b. Chloride ions d. Sodium ions	eability of ions channels to
7.	How long should one wait ba. 4 days	pefore obtaining Biops b. 7 days	y of an oral ulcer? c. 14 days	d. 30 days
8.	The mandibular left second Dentigerous cyst surroundin a. Surgically extract the b. Uncover the crown a c. Prescribe an anti infl d. No treatment is nece	ng the crown. What is the unerupted second modern in the second modern in the second modern in the second medication is the second medication.	the treatment of choice? olar	ographs show a small
9.	Osteomyelitis usually begins a. Periosteum c. Cortical bone	s in the medullary space	ce involving b. Soft tissues d. Cancellous bone	
10.	What cephalometric analysi a. SNA angle of more to c. ANB angle of less that	han 84 degree	racteristic in Class I male b. SNA angle of less t d. SNB angle of less t	han 78 degres
11.	Which one of the following a. Hyperparathyroidismc. Down's Syndrome	is not the generalized	causes of failure or dela b. Hereditary Gingiva d. Rickets	ayed tooth eruption l Fibromatosis
12.	Which of the following is not a. Frankel c. Clarks Twin Block	ot a functional applian	ce b. Quad –helix d. Herbst	

13. A headgear ap	opliance is used for	b. Traction	
	nchorage and Traction	d. Neither Anchorage or T	raction
14. Which of the a. Stainle c. Nickel		for arch wires b. Beta Titanium d. Vitalium	
a. Posterib. Deviatec. Mild er	on is appropriately treated at ar or crossbite with a functional s ed midline in the absence of fu- rowding of lower permanent in eciduous molars in crossbite	hift nctional shift	
a. Dental	's" Cephalometric analysis is p Cast Analysis graphic analysis	performed via a b. Facial Profile analysis d. Full faceanalysis	
predicting the a. A wrist b. Height c. Presence	ollowing would provide the m time of pubertal growth spurt—hand radiograph—weight tables be of secondary sexual character f dental development	ost valuable information to the or	thodontist in
a. Primary	l extraction case, which teeth a canines first premolars	re NOT typically removed? b. Primary first molars d. Primary second molars	
b. Appositc. Both ap	ned, it grows by al growth only tional growth only positional and interstial growth rative changes into bony struct		
20. In which regio a. Palate	n the bone deposition is responsity	nsible for the Lengthening of max c. Incisor	killary arch d. Zygomatic
21. Which of the figingivitis?	ollowing is the least important	diagnostic aid in recognizing the	early stage of
	g upon probing lepths	b. Gingival colord. Stippling of the gingival	tissue
a. Bleedinb. Pocket oc. Radiogr	ollowing needs to be evident ing depths of 5 mm or more aphic evidence of bone loss in tissue color and tone	order to make a diagnosis of peri	odontitis?

23.	a. b. c.	ar circumstances;	
24.	High a.	est rate of implant failure occurs in Type I bone	b. Type 2 bone
	c.	Type 3 bone	d. Type 4 bone
25.	The g	greatest esthetic challenge for the restorative	dentist occurs in the patient having a
	a.	High smile line, thick periodontal biotype Low smile line, thin periodontal biotype	b. High smile line, thin periodontal biotype d. low smile line, thick periodontal biotype
26.	u.	h of the following conditions is not a contra- Diminished healing capacity of patients tis Current chemotherapy for the treatment of	SHEC
	c.	Advanced patient age	cancer
	d.	History of radiation therapy to the maxillot	facial complex
27.	Gingi	val fibres consist of	
	a.	Type I collagen	b. Type II collagen
	c.	Type III collagen	d. Type IV collagen
	a. b. c. d. Which a. b. c.	ar cementum in contrast to acellular cement Cementum that is resorbing Newly formed cementum That part of the cementum that is adjacent t Cementum that contain cementocytes two bacteria are the most common bacteria are Porphyromonas species and Bacteroides me Eubacterium and Fusobacterium Actinomycetes and Spirochetes Wolinella and Veillonella species	o the enamel
30. V	Vhich	of the following are not found in the pulp?	
	a	Reticulin fibres Proprioceptor nerve fibres	b. Collagen fibresd. Myelinated nerve fibres
31. T	he abs	sence of which layer of dentin predisposes it	to internal resorption by cells present in the
•	-	Mantle dentin	b. Predentin
	c. (Circumpulpal dentin	d. Secondary dentin
32. W	b. A c. A	of the following is the most accurate definition An acute apical periodontitis A suppurative apical periodontitis An acute exacerbation of a chronic apical periodontitis An acute state of an acute apical periodontitis	on of a phoenix abscess?
DS/2012		Series- A	3

_	tient presents with an ve response?	acute periapical absce	ess. Which of the foll	owing tes	ts could have a
a.	Hot test Cold test		b. Electric pulp to d. Percussion	est	
	deal amount of denti 0.5 mm	n required between an b. 1.0 mm	amalgam restoration c. 1.5 mm	_	oulp for insulation is 0 mm
35. Delay	ed expansion of ama	lgam restoration is mo	re likely to be associa	ated with	
	Over trituration an				
	High residual merc	•		, ,	.•
	Failure to use cavit	of amalgam by moistu ty varnish	re during trituration a	and conde	ensation
36. Which	n tooth requires speci	al attention when prepared	aring the occlusal asp	pect for re	estoration?
a.	Mandibular first bio	1	b. Mandibular sec		spid
c.	Maxillary first mol	ar	d. Maxillary first	bicuspid	
	n removing caries, wo	hich of the following l removed?	ayers of dentin are at	ffected, bi	ut not infected and
	Turbid dentin		b. Transparent de	ntin	
c.	Sub-transparent der	ntin	d. Infected dentin		
		ries requires a high pro			
	Lactobacillus within		b. Lactobacillus v		
c.	Streptococcus muta	ns within dental plaque	e d. Streptococcus i	mutans w	ithin saliva
		ppointment, you notice of the following shou		open wh	en you attempt to sear
	The proximal conta		b. The occlusal co	ontacts	
		crowns interior			interior
40. A sed	lative often used in n	nanagement of anxious	s pediatric dental pati	ent is	
	Pentobarbitol		b. Secobarbitol		
c.	Chloral hydrate		d. Meperidine		
	type local anesthetic		.	1 77	. ,
a.	Liver	b. Plasma	c. Lungs	d. Ki	idneys
42. Which	antibiotic is not only	y effective against mos	st staphylococci, aero	bic and a	naerobic streptococci,
	Penicillin VK	ting infections due to b. Erythromycin	c. Clindan	avoin	d. Cephalexin
		, ,		J	1
	ry heat sterilization a 5 minutes	t a temperature of 160 b. 20 minutes	C, how long does it c. 40 minu		terilize instruments? d. 120 minutes
44. Which	h type of pathogens p	provide the ultimate tes	st for efficacy of steri	lization?	
	Bacteria		b. Spore forming		
c.	Virus		d. Fungi		
/2012		Series- A			4
		Delles- A			4

	Series			5
ning decay is		•	d. 1 year	
deal time period fro	om placing the Indire	ct Pulp cap until the re	eopening the tooth to remo	ove the
* *	S	-		e
_	not a radiographic s	•		
Base metal alloys	are more resistant to	corrosion		
	-	ble metal casting alloy	s for cast restorations	
•				
		•		
~	pain on biting is mo	•	aamant	
	t source for shade se b. 55 K	election process should c. 65 K	d. 75 K	
	•		,	
•	on	· -	•	
er ,provides for	• •		•	
ctional cusp bevel i	n the preparation of:	a tooth for Full Crown	or Fixed partial denture	
Length of the teeth	l	*		
	barde for selecting	b. Shape of the t	eeth	
nt test" is used as a	guide for selecting			
•	*	y		
-	•	ar ioint		
	-			
•		clearly detected from		
			1	
		_		
		h Organic occlu	ısion	
_				
ette designed to sca	le and root plane ant	erior teeth with deep p	ockets will have	
Prevalence		a. Frequency		
Incidence		b. Epidemiology	J	
	Prevalence rette designed to scar Short, straight shart Long, angled shant are's Concept is assorbal and assorbal colusion. Lingualised occlusion Lingualised occlusion Deservation at dem Masticatory efficient Clicking sound at a Remounting process and the Length of the teeth Length of the state of light 45 K. The mentation / luting Occlusal overload Periapical abscess metal alloys as metal alloys as metal alloys. Base metal alloys as metal alloys as metal alloys as metal alloys. Base metal alloys as metal alloys as metal alloys. Base metal alloys as metal alloys as metal alloys. Base metal alloys as metal alloys. Base metal alloys as metal alloys as metal alloys. Base metal alloys as metal alloys as metal alloys. Base metal alloys as metal alloys as metal alloys. Base metal alloys as metal alloys as metal alloys. Base metal alloys as metal alloys as metal alloys as metal alloys as metal alloys. Base metal alloys as metal alloys as metal alloys as metal alloys.	rette designed to scale and root plane ant Short, straight shank Long, angled shank are's Concept is associated with Balanced occlusion Lingualised occlusiom repancies in occlusion of denture can be of Observation at denture insertion phase Masticatory efficiency Clicking sound at the temporomanibular Remounting procedure of denture and test", is used as a guide for selecting Shade of the teeth Length of the teeth Length of the teeth actional cusp bevel in the preparation of ser ,provides for Improving Retention Better Esthetics remperature of light source for shade see 45 K b. 55 K ementation / luting pain on biting is mo Occlusal overload Periapical abscess metal casting alloys as compared to Nol Base metal alloys are softer to finish Base metal alloys are less dense Base metal alloys are more easily hard. Base metal alloys are more resistant to h of the following is not a radiographic see Hypercementosis Periodontal pockets deal time period from placing the Indirening decay is	rette designed to scale and root plane anterior teeth with deep p Short, straight shank b. Short, angled Long, angled shank d. Long, straight along, angled shank b. Organic occlusions b. Organic occlusion cepancies in occlusion of denture can be clearly detected from Observation at denture insertion phase Masticatory efficiency Clicking sound at the temporomanibular joint Remounting procedure of denture interest, is used as a guide for selecting Shade of the teeth b. Shape of the Length of the teeth d. Tooth proportional cusp bevel in the preparation of a tooth for Full Crowner, provides for Improving Retention b. Improving States and Better Esthetics d. Bulk of restors temperature of light source for shade selection process should 45 K b. 55 K c. 65 K c.	Prevalence d. Frequency Pette designed to scale and root plane anterior teeth with deep pockets will have Short, straight shank Long, angled shank Long, argined shank Long, straight shank Balanced occlusion Lingualised occlusion Lingualised occlusion Lingualised occlusion Lingualised occlusion Observation at denture insertion phase Masticatory efficiency Clicking sound at the temporomanibular joint Remounting procedure of denture Int test", is used as a guide for selecting Shade of the teeth Length of the teeth Length of the teeth Length of great in the preparation of a tooth for Full Crown or Fixed partial denture err, provides for Improving Retention Better Esthetics D. Improving Stability D. Improving Stability D. Improving Stability D. Bulk of restoration for strength D. Sensitivity to cement D. Sensi

56.	Pulpal pain, either spontaneou	is or elicited by an iri	ritant, that lingers for more than 10 – 15 seconds
	a. Pulpal necrosisc. Pukpal hyperemia		b. Irreversible pulpitisd. Apical periodontitis
57.	The most effective and most t a. 0.2 % Sodium Flouride c. Acidulated phosphate f	2	ride is b. Stannous fluoride d. 2% Sodium fluoride
58.	Which is the principal hormor a. Cacitonin c. Thyroxin	ne for calcium regula	tion? b. Parathyroid hormone d. Vasopressin/ ADH
59. 1	ntrinsic factor, essential for the a. Chief cells c. Gastric cells	e absorption of vitan	nin B12 in ileum, is secreted by the: b. Parietal cells d. Mucus cells
	Which of the following enzym a. Prothrombin c. Fibrinogen		b. Thrombin d. Plasmin
	ernicious anemia is caused by a. Vitamin A c. Vitamin C		b. Vitamin B12 d. Vitamin E
	Which of the following is not t a. Xerostomia c. Loosened teeth	1	b. Irritability d. Tremors
63. In	 a. 1 month and 3 months per b. 4 months and 7 months per c. 5 months and 10 months d. 1 year and 2 years post ex 	ost extraction ost extraction post extraction	er:
64. T	ne incisal edges of maxillary ta. "Th" sound c. "P" and "B" soumds	D	e wet/ dry line of the lower lip while creating . "F" and "V" sounds . "S" sound
	d. Will vary in outline and d	ary denture to vibrating line ricating a complete d base is used epth according to the	lenture on a patient with flat palate
66. A 1	everse 3/4 th crown is most fre a. Maxillary molar b. Mandibular molar c. Mandibular premolar d. Maxillary premolar	equently fabricated fo	or a
DS/2012		Series- A	6

67.	a. b. c.	ain Hardening" or "Work hardening" are best Hardening (deformation) of a metal at rock Hardening (Deformation) of a metal at very Softening of metal by controlled heating ar Softening a metal at room temperature	om temperature y high temperature
68.	a.	itts Lymphoma is associated with the Herpes virus Cytomegalovirus	b. Epstein-Barr virusd. Human papillomavirus
69.	a.	nost common neoplasm seen in AIDS patien Non-Hodgkins lymphoma Basal cell carcinoma	
70.	a.	orime factor that initiates Myofascial pain dys Trauma Periodontal disease	sfunction syndrome (MPDS) is b. Muscle spasm d. Tumour
71.	odonte a.	h of these lesions are typically within soft tis ogenic origin Median alveolar cyst Nasolabial cyst	sue and may mimic inflammatory lesions of b. Globulomaxillary cyst d. Nasopalatine cyst
72.	a.	of histologically normal tissue present in ar Teratoma Hamartoma	abnormal location is called a b. Choristoma d. None of the above
73.	Cretina.	nism is deficiency disease caused by the cong Thyroxine b. Insulin	enital absence of c. Calcitonin d. Epinephrine
74.	a. b. c.	um of the mesiodistal widths of the primary r 5-10 mm greater than the permanent teeth th 2-5 mm less than the permanent teeth th 2-5 mm greater than the permanent teeth th 5-10 mm less than the permanent teeth th	nat succeed them premolars succeed them premolars nat succeed them premolars
75.	Whic disorde a.	th of the following is not the principal character' (ADHD) Inattention Hyperactivity	
76. ʻ	a.	ik Spots" are associated with Smallpox (Variola) Mumps	b. German measles (Rubella) d. Measles (Rubeola)
77.		e of 6 yrs a child's head is what percentage of 30% b. 50%	fits adult size c. 80% d. 90%
78.	a.	al Prothrombin time (PTT) is < 7 seconds ± 2 seconds < 14seconds ± 2 seconds	b. < 11 seconds ± 2 seconds d. < 25 seconds ± 2 seconds

c. Mylohyoid nerve	common finding is paresthesia over distribution of the b. Inferior alveolar nerve d. Hypoglossal nerve
80. Secretions of sub lingual gland isa. Mucousc. Mixed	predominantly b. Serous d. None of the above
 81. Major arterial supply to Temporon a. Facial artery b. Angular artery c. Occipital artey d. Superficial temporal artery a 82. Incipient carious lesions, after sea a. Progressively increase in siz b. Are arrested c. Spread rapidly into interprod d. Remain the same 	nanibular joint is derived from and maxillary artery lant application ze
83. RPI clasp is a type of a. Gingivally approaching clasp c. Mixed clasp	d. Infrabulge clasp
a. Supragingival b. Subgingival c. Equigingival d. Subgingival labially and supr	a All ceramic Anterior Full Veneer Crown should be
	about 75% of the antibodies of a normal human being? c. IgE d. IgG
c. Kennedy class II	for which classification of partially dentulous arch b. Kennedy class I d. Kennedy class III
87. Porcelain etching for ceramic repair in a. Orthophosphoric acid 37%c. Phosphoric acid 33%	involves chemically which material b. Hydrofluoric acid 9% d. Maleic acid 20%
 88. Guide Planes are a. Proximal surfaces of distal surf b. Proximal surfaces abutment te c. Proximal surfaces of retainers of d. Vertical arms of RPD retainers 	eth narallel to noth of include
89. Which luting cement is not preferred to a. Resin cements c. Polycarboxylate cements	for All Ceramic restorations b. Glass inomer cements d. Resin reinforced Glass Ionomer cement
DS/2012	Series- A 8

a. b. c.	The quantity of fermentable carbohydrates. The frequency of ingesting fermentable carbohydrates. The frequency of ingesting fermentable carbohydrates. The oral retention of fermentable carbohydrates.	s ingested rbohydrates
91. Whic	h one of these is not a component in implar Abutment Impression coping	
a.	h of the following is not the response of hi Vasoldilatation (esp. arterioles) Increased blood pressure	stamine release due to allergic reaction b. Bronchoconstriction d. Secretion of HCL
a. c.	n of the tooth would have two canals most of Tooth no. # 15 Tooth no. # 35	b. Tooth no. # 24d. Tooth no. # 45
a. b. c.	ent radiolucency in the peripical area of ended by second mesibuccal canal was not located second distobuccal canal was not located second palatal canal was not located It takes more than 12 months for the bone to	lodontically treated maxillary first molar could be
95. Which a.	tooth is most likely to have a curved root? Maxillary central incisor Maxillary canine	b. Maxillary lateral incisor d. Mandibular central incisor
a. b. 7 c. 7	conditioners are used for completely edent Fo remodel the alveolar bone favorably Fo bring the tissue tone to normal Fo alleviate any signs of tissue inflammation Showing signs of oral candidiasis	culous patients .
a. 1	sis of ulceration on tongue persisting for moncisional biopsy Clinical signs and symptoms	ore than 2 weeks should be based on b. Exfoliative cytology d. Blood biochemistry
a. C	one of the materials is not used for Dental Ir Commercially pure titanium Citanium-6Al-4V alloy	
a. B	bilaterally Balanced occlusion	b. Unilaterally balanced occlusion d. Group function
а. Л	one of following communicable diseases co	•