# BKI PROVISIONAL ANSWER KEY

Name of the post Assistant Professor, Periodontology, Class-1 (Dental)

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Candidate must ensure compliance to the instructions mentioned below, else objections shall not be considered: -

- (1) Candidates have to pay fees of Rs.100/- for each objection. The fees can be paid from the link given herewith.
- (2) The Candidate will be able to submit objection only after payment of the fees. The generation of the receipt will only be considered as final submission.
- (3) The Candidate must retain the receipt of the payment of the fees. The fees, once paid, will not be refunded under any circumstances.
- (4) All the objections should be submitted through **ONLINE OBJECTION SUBMISSION SYSTEM** only. Physical or submission through any other means will not be considered.
- (5) All objections are to be submitted with reference to the Master Question Paper published with provisional answer key, published herewith on the website / online objection submission system. Objections should be sent referring to the Question No. & options of the Master Question Paper. Objections regarding question nos. and options other than provisional answer key (Master Question Paper) shall not be considered.
- (6) Objections and answers suggested by the candidate should be in compliance with the responses given by him in his answer sheet. Objections shall not be considered, in case, if responses given in the answer sheet /response sheet and submitted objections are differed.
- (7) Supportive document to the objection must be uploaded, without which objection will not be considered.

## ઉમેદવારે નીચેની સૂચનાઓનું પાલન કરવાની તકેદારી રાખવી, અન્યથા વાંધા-સૂચન અંગે કરેલ રજૂઆતો ધ્યાને લેવાશે નહીં

- (1) ઉમેદવારે દરેક વાંધા દીઠ રૂપિયા ૧૦૦/-ફ્રી ભરવાની રહેશે. જે ફ્રી આ સાથે આપેલ લીંક ઉપરથી ભરી શકાશે.
- (2) ફ્રી ભર્યા બાદ જ વાંધો સબમીટ થઈ શક્શે. ફ્રી ભર્યાની આખરી પહોંચ જ આખરી સબમીશન ગણાશે.
- (3) ફ્રી ભર્યાની પહોંચ ઉમેદવારે સાચવી રાખવાની રહેશે. એક વાર ભરેલ ફ્રી ક્રોઈ પણ પરિસ્થિતિમાં પરત આપવામાં આવશે નહિ.
- (4) વાંધા ફક્ત <mark>ઓનલાઈન ઓબ્જેકશન સબમીશન સીસ્ટમ</mark> દ્વારા જ સબમીટ કરવાના રહેશે. રૂબરૂ, ટપાલ અથવા ઈ-મેઈલ કે અન્ય કોઈ રીતે આયોગને મોકલવામાં આવેલ વાંધા ધ્યાને લેવામાં આવશે નહીં, જેની ખાસ નોંધ લેવી.
- (5) ઉમેદવારે પોતાને પરીક્ષામાં મળેલ પ્રશ્નપુસ્તિકામાં છપાચેલ પ્રશ્નકમાંક મુજબ વાંધા-સૂચનો રજૂ ન કરતાં, તમામ વાંધા-સૂચનો વેબસાઈટ પર પ્રસિધ્ધ થયેલ પ્રોવિઝનલ આન્સર કી (માસ્ટર પ્રશ્નપત્ર) ના પ્રશ્નકમાંક મુજબ અને તે સંદર્ભમાં રજૂ કરવા. <u>માસ્ટર પ્રશ્નપત્રમાં નિર્દિષ્ટ પ્રશ્ન અને</u> વિકલ્પ સિવાયના વાંધા ધ્યાને લેવામાં આવશે નહીં.
- (6) ઉમેદવારે પ્રશ્નના વિકલ્પ પર વાંધો રજૂ કરેલ છે અને વિકલ્પ રૂપે જે જવાબ સૂચવેલ છે એ જવાબ ઉમેદવારે પોતાની ઉત્તરવહીમાં આપેલ હોવો જોઈએ. ઉમેદવારે સૂચવેલ જવાબ અને ઉત્તરવહીનો જવાબ ભિન્ન હશે તો ઉમેદવારે રજૂ કરેલ વાંધા ધ્યાને લેવાશે નહીં.
- (7) વાંધા માટે સંદર્ભ જોડવો આવશ્યક છે, જેના વિના વાંધો ધ્યાને લેવામાં આવશે નહીં.

1.	The approximate time span required for neutrophils arising from bone marrow stem cells in a differentiation process to reach maturity is		
	(A) 4 days	(B) 7 days	
	(C) 14 days	(D) 10 days	
2.	The adhesin of Fusobacterium nuclear adverse pregnancy outcomes is	tum implicated for placental invasion in the context of	
	(A) Autotransporter		
	(B) FadA adhesin		
	(C) Fimbrial adhesion		
	(D) Pilli adhesion		
3.	Exposure to tobacco smoking can be me	easured by	
	(A) Systemic levels of cotinine		
	(B) Systemic levels of thiocyanate		
	(C) Exhaled carbon monoxide		
	(D) All of the above		
4.	The mean total viable counts of bacteria in saliva average is about		
	(A) 10 <sup>4</sup> per ml	(B) $10^6$ per ml	
	(C) 10 <sup>8</sup> per ml	(D) $10^{10}$ per ml	
5.	Which Mycobacterium is associated wit	th tuberculous infection of cervical lymph nodes?	
	(A) M. Avium	(B) M. Chelonae	
	(C) M. Kansasii	(D) M. Scrofulaceum	
6.	The linear range of mechanical micro vibrations during cutting action of piezosurgery falls between		
	(A) 30-50 μm		
	(B) 80-100 μm		
	(C) 200-250 μm		
	(D) 300-350 µm		
7.	ANRIL, a long intergenic noncoding RNA, expressed in tissues and cell types that are affected by atherosclerosis is located		
	(A) Within the Chr2p11		
	(B) Within the Chr9p21		
	(C) Within the Chr6p21		
	(D) Within the Chr4p1		

8.	The acid used to demineralize the hone duri	ng formation of Demineralized freeze-dried bone
0.	allograft (DFDBA) is	ig formation of Demineralized freeze-dried bone
	(A) Concentrated sulfuric acid	
	(B) Dilute hydrochloric acid	
	(C) Dilute nitrous acid	
	(D) Concentrated hypophosphoric acid	
9.	Which of the following compounds has the long	gest half-life (t <sub>1/2</sub> )?
	(A) Oxazepam	
	(B) Nitrazepam	
	(C) Temazepam	
	(D) Diazepam	
10.	Which of the following local anesthetics is used toxic potential?	d exclusively for its good surface activity and low
	(A) Cocaine	(B) Benzocaine
	(C) Bupivacaine	(D) Procaine
11.	The mechanism underlying the resistance of G-	+ve organisms to macrolides is
	(A) Decreased drug permeability of the cytopla	smic membrane.
	(B) Methylation of binding sites on the 50-S rib	osomal subunit.
	(C) Decreased activity of uptake mechanism.	
	(D) Formation of esterases that hydrolyze the la	actone ring.
12.	Phase II reactions of a drug biotransformation	
	(A) Decrease its water solubility.	
	(B) Include activity of cytochrome P-450.	
	(C) Usually lead to inactivation of the drug.	
	(D) Do not include acetylation.	
13.	The steady-state concentration of a drug can be	e doubled by
	(A) Doubling both the rate of infusion and cond	centration of drug.
	(B) Doubling the rate of infusion only.	
	(C) Doubling the loading dose but maintaining	the infusion rate.
	(D) Tripling the rate of infusion.	

14.	Which of the following statements applies to the submandibular lymph nodes?		
	1. They discharge into the internal jugular nodes.		
	2. When draining an area of acute infection, they are enlarged, nontender, soft, well-defined and movable.		
	3. They are found medially to the mand	ible.	
	4. They drain the anterior palatine pillar, soft palate, posterior third of the tongue.		
	(A) 1, 2, 3	(B) 1 and 3	
	(C) 2 and 4	(D) 4 only	
15.	Most of the somatosensory information nerve?	n from the oral cavity reaches the brain through which	
	(A) Trochlear		
	(B) Hypoglossal		
	(C) Trigeminal		
	(D) Glossopharyngeal		
16.	Major Histocompatibility Complex (MHC) is a collection of genes arrayed on		
	(A) Chromosome 21 in man, chromosome 6 in mice		
	(B) Chromosome 6 in man, chromosome 21 in mice		
	(C) Chromosome 17 in man, chromosome 6 in mice		
	(D) Chromosome 6 in man, chromosome 17 in mice		
17.	World Hepatitis Day is celebrated on		
	(A) 21st Sept	(B) 4 <sup>th</sup> April	
	(C) 28 <sup>th</sup> July	(D) 11 <sup>th</sup> Nov	
18.	Colonies resembling molar teeth are produced by		
	(A) Nocardia brasiliensis		
	(B) N. asteroids		
	(C) Actinomyces israelii		
	(D) Actinomadura madurae		
19.	Phenol coefficient indicates		
	(A) Efficiency of a disinfectant		
	(B) Dilution of a disinfectant		
	(C) Purity of a disinfectant		
	(D) Quantity of a disinfectant		

20.	The first body organ to manifest hypoglycaemic symptoms is  (A) Cerebral cortex  (B) Hypothalamus		
	<ul><li>(C) Vasomotor centre</li><li>(D) Medulla</li></ul>		
21.	If one loses a large quantity of saliva external greater amount in relation to concentration in	y, which one of the following ions would be lost in plasma?	
	(A) Sodium	(B) Chloride	
	(C) Potassium	(D) Magnesium	
22.	The antibody binding site is formed primarily	by	
	(A) Constant region of H and L chains		
	(B) Variable region of H and L chains		
	(C) Hypervariable regions of H and L chains		
	(D) Variable region of L chain		
23.	The first virus discovered was		
	(A) Herpes	(B) Hepatitis	
	(C) TMV	(D) Papova Virus	
24.	The most characteristic feature of granulation	tissue is the	
	(A) Growth of fibroblasts and new capillaries		
	(B) Resemblance to a granuloma		
	(C) Character of the exudate		
	(D) Presence of monocytes and fibroblasts		
25.	· ·	is inherited in such a way that male and female s persons are affected, then the mode of inheritance	
	(A) Autosomal dominant		
	(B) Autosomal recessive		
	(C) X-linked dominant		
	(D) X-linked recessive		
26.	What amount of blood loss can be corrected by	y crystalloids?	
	(A) 15-20% of blood loss		
	(B) 50-70% of blood loss		
	(C) up to 60% of blood loss		
	(D) more than 70% of blood loss		

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27.	The most radioresistant cells are
	(A) Nerve and muscle fibres
	(B) Spermatogonia and erythroblasts
	(C) Epidermal stem cells
	(D) Gastrointestinal stem cells
28.	A reliable indicator of pubertal growth spurt on hand wrist films is sought as
	(A) Ossification of adductor sesamoid
	(B) Appearance of hook of hamate
	(C) Ossification of all the carpal bones
	(D) Ossification of pisiform
29.	The suture of choice when flaps involving several teeth are to be repositioned apically is
	(A) Interrupted interdental suture
	(B) Modified mattress suture
	(C) Continuous suture
	(D) None of the above
30.	An implant that is progressively losing its bone anchorage, but is still clinically stable can be
	termed as
	(A) Failed implant
	(B) Failing implant
	(C) Ailing implant
	(D) Both A and C
31.	Which of the following is an incorrect match regarding the tactile analog of the bone densities as classified by Misch?
	(A) D1: oak wood
	(B) D2: balsa wood
	(C) D3: spruce wood
	(D) Both B and C
32.	The initial incision for gingivectomy starts at
	(A) 2.5 mm to 3.0 mm from gingival margin
	(B) 1.0 mm to 2.0 mm from gingival margin
	(C) A point apical to the bleeding points as marked using pocket markers

(D) In the gingival sulcus

- 33. The width of the intrabony component of the bone defect is measured as the angle that the bony wall of the defect forms with the long axis of the tooth. The angles at which higher regeneration can be expected are
  - (A) < 25 degrees
  - (B) 35-45 degrees
  - (C) 45-60 degrees
  - (D) > 90 degrees
- 34. The rate of formation of lamellar bone is
  - (A) 1-5 μm/day
  - (B)  $10-15 \, \mu m/day$
  - (C) 15-25  $\mu$ m/day
  - (D)  $60-70 \mu m/day$
- 35. Immediately after completion of Phase 1 therapy, the patient should be placed in
  - (A) Maintenance phase
  - (B) Surgical phase
  - (C) Emergency phase
  - (D) Restorative phase
- 36. Frost gave four zones for bone related to mechanical adaptation to strain before spontaneous fracture. Which of the following is not one of the zones?
  - (A) Chronic disuse window
  - (B) Mild overload window
  - (C) Pathologic overload window
  - (D) Adapted window
- 37. All of the following are ideal needle-thread combinations (non-resorbable) for use in Periodontal Microsurgery, except
  - (A) Crestal incisions: suture gauge 7-0, 3/8 curvature, cutting needle with precision tip, needle length 11.2 mm, polyamide thread
  - (B) Interdental sutures, molar area: suture gauge 6-0, 3/8 curvature, cutting needle with precision tip, needle length 9 mm, polyamide thread
  - (C) Buccal releasing incisions: suture gauge 7-0, 3/8 curvature, cutting needle with precision tip, needle length 7.6 mm, polypropylene thread
  - (D) Papilla basis incisions: suture gauge 7-0, asymptomatic curved needle, cutting needle tip, round body, needle length 8.9 mm, polypropylene thread

- 38. All of the following are true regarding osseous craters except
  - (A) Prevalence of crater defects is greater in the posterior regions
  - (B) Craters represent about two-thirds of all maxillary defects
  - (C) The depth (dimension from crest of facial/lingual bone to crater base) of medium craters is around 5-7 mm
  - (D) The mesial and distal walls of the crater defect are composed of root surfaces of the adjacent teeth
- 39. Implant insertion is done at the speed of

(A) 25-30 rpm

(B) 30-50 rpm

(C) 50-80 rpm

(D) 80-100 rpm

40. Wavelength of diode laser used in periodontal procedure is

(A) 655-980 nm

(B) 488-514 nm

(C) 1064 nm

(D) 10600 nm

- 41. Which of the following is not true regarding Osseous Coagulum?
  - (A) Low predictability
  - (B) Ease of procurement from an area already exposed during surgery
  - (C) Provides additional surface area for the interaction of cellular and vascular elements
  - (D) Contains a mixture of cancellous bone dust and blood
- 42. All of the following are true except
  - (A) Retrograde peri-implantitis refers to the presence of a lesion at the apex of the implant
  - (B) Early peri-implantitis is defined as the presence of an inflammatory lesion of infective etiology before the establishment of osseointegration
  - (C) Early implant failures occur before implant restoration
  - (D) Late implant failures occur after implant restoration
- 43. All are true for LASERS in periodontal therapy except
  - (A) Have the advantage of better visualization of cutting field
  - (B) The efficiency of ablation depends upon wavelength of the LASER and affinity of target tissue
  - (C) Er:YAG lasers are used at the wavelength of 1064 nm
  - (D) The exposure of bone during laser therapy to temperatures above 47 degree centigrade can induce cellular damage and osseous resorption

44.	Leukocyte adhesion deficiency (LAD) is a rare but well-defined autosomal recessive disease that		
	results in the formation of		
	(A) Non-functional ICAM receptor		
	(B) Defective TLR function		
	(C) Non-function of oxidative pathway		
	(D) Impaired assembly of microtubules in PMNs		
45.	The firm acellular fibrous protein layer on the surface of the gingiva contains		
	(A) Actin (B) Myosin		
	(C) Keratin (D) Peptin		
46.	Which mandibular surface has the thinnest mucosa and heaviest bone with minimal interconnection		
	between marrow and investing soft tissue?		
	(A) Buccal surface		
	(B) Lingual surface		
	(C) Distal most surface		
	(D) Occlusal area		
47.	Endocarditis prophylaxis is recommended in		
	(A) Previous coronary artery bypass graft surgery		
	(B) Cardiac pacemakers		
	(C) Implanted defibrillators		
	(D) Tetralogy of Fallot		
48.	Biological model of periodontitis was given by		
	(A) Van Dyke		
	(B) Kornman		
	(C) Offenbacher		
	(D) Robertson		
49.	Classically the epithelial rete ridges show a saw tooth appearance, hyperkeratosis or parakeratosis,		
	hydropic degeneration of basal layer and a dense band-like infiltrate of T-lymphocytes microscopically in		
	(A) Pemphigus		
	(B) Pemphigoid		
	(C) Linear IgA disease		
	(D) Lichen planus		

- 50. Periodontal destruction is considered moderate when
  - (A) 3-4 mm of clinical attachment loss has occurred in chronic periodontitis.
  - (B) 1-2 mm of clinical attachment loss has occurred in chronic periodontitis.
  - (C) 5 mm or more of clinical attachment loss has occurred in chronic periodontitis.
  - (D) 0-1 mm of clinical attachment loss has occurred.
- 51. Primary endodontic lesion requires
  - (A) Minor periodontal treatment only
  - (B) Periodontal surgical treatment only
  - (C) A combined periodontal and endodontic treatment
  - (D) Endodontic treatment only
- 52. Hypophosphatasia is characterized by
  - (A) High level of serum alkaline phosphatase and phosphoethanolamine.
  - (B) Low level of serum alkaline phosphatase and high level of phosphoethanolamine.
  - (C) Low level of serum alkaline phosphatase and low level of phosphoethanolamine.
  - (D) High level of alkaline phosphatase and low level of phosphoethanolamine.
- 53. Transseptal fibers extend
  - (A) Obliquely from the cementum just beneath the junctional epithelium to the alveolar crest.
  - (B) From the cementum in a coronal direction obliquely to the bone.
  - (C) From the cementum to cementum in the furcation areas of the multirooted teeth.
  - (D) Interproximally over the alveolar crest and are embedded in cementum of adjacent teeth.
- 54. The growth of porphyromonas gingivalis is enhanced by metabolic byproducts:
  - (A) Succinate from campylobacter rectus.
  - (B) Protoheme from capnocytophaga.
  - (C) Protoheme from campylobacter rectus.
  - (D) Succinate from veillonella.
- 55. What is the first step before initiating treatment for necrotizing ulcerative periodontitis (NUP)?
  - (A) Prescribing systemic antibiotics immediately
  - (B) Using ultrasonic instrumentation to flush lesions
  - (C) Performing surgical debridement without prior assessment
  - (D) Identifying systemic diseases and modifiable risk factors

	(A) all grafts are osteogenic		
	(B) all grafts are osteoinductive		
	(C) all grafts are osteoconductive		
	(D) FDBA has osteoinductive pot	ential	
57.	Mineralization of plaque may sta	rt intracellularly in	
	(A) Streptococcus sanguis and actinomyces viscosus species.		
	(B) Porphyromonas gingivalis and prevotela intermedia species.		
	(C) Diptheroids, bacterionema, veillonella species.		
	(D) Borrelia vincenti and actinob	acillus actinoemycetum comitans.	
58.	The incidence of lingual recession and pocket formation and radiographic evidence of bone loss among subjects with a mean age of 22 years who wore lingual "barbells" for 2 years or more according to Campbell et al is		
	(A) 97%.	(B) 50%.	
	(C) 62%.	(D) 10%.	
59.	Select the false statement regarding free gingival graft.		
	(A) Free gingival grafts are used to widen the zone of attached gingiva.		
	(B) Initially described by Bjorn in 1963		
	(C) The strip technique attains expansion of the graft by alternate incisions on opposite sides of the graft.		
	(D) Accordion technique describ changing the configuration of	ed by Rateitschak and colleagues, increases the donor graft by f the tissue.	
60.	Distance between apical extent of calculus and alveolar crest in human periodontal pocket is		
	(A) 0.2 mm	(B) 3 mm	
	(C) 1.97 mm	(D) 4 mm	
61.	The periodontal ligament is composed of 80 percent collagen.		
	(A) Type IV	(B) Type III	
	(C) Type II	(D) Type I	
62.	The epithelial mitotic cell turnover rate is highest within		
	(A) Oral sulcular epithelium		
	(B) Keratinized gingiva		
	(C) Epidermis of skin		
	(D) Junctional epithelium		

**56.** 

**Select the true statement:** 

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63.	Early synostosis of sutures occurs in
	(A) Craniofacial dysostosis
	(B) Marble bone disease
	(C) Osteitis deformans
	(D) Cherubism
64.	The developing mandible grows backward (not surrounding Meckel's cartilage) to form
	(A) The incus and malleus
	(B) The otic capsule
	(C) The hyoid cartilage
	(D) The coronoid process
65.	In an acute upper airway obstruction, the entry to the airway on an emergency basis should be made at the
	(A) cricoid cartilage
	(B) thyroid notch
	(C) cricothyroid membrane
	(D) first tracheal ring
66.	Cognitive theory of child development was given by
	(A) Sigmund Frued
	(B) Erik Erikson
	(C) Jean Piaget
	(D) Brenner
67.	If a case of desquamative gingivitis on histological examination presents with replication of basal
	lamina with subepithelial vesicle formation, the causative disease could be
	(A) Lichen planus
	(B) Pemphigus
	(C) Bullous pemphigoid
	(D) All of the above
68.	The Hering-Breuer reflex is primarily responsible for
	(A) Preventing overinflation of the lungs
	(B) Increasing heart rate during inspiration
	(C) Regulating basal metabolic rate
	(D) Adjusting renal blood flow

69.	In 19 <sup>th</sup> century, role of GCF in defence was elucidated by Brill and Krasse. The study was conducted on		
	(A) Dogs	(B) Rats	
	(C) Monkeys	(D) Chimpanzee	
70.	The sulcular epithelium is permeable to substances with a molecular weight of up to		
	(A) 1000 KD	(B) 100 KD	
	(C) 100 D	(D) 1000 D	
71.	• •	mer and colleagues, which coping behaviour was more common disease compared to healthy individuals?	
	(A) Emotional coping skills		
	(B) Active coping skills		
	(C) Situation control coping		
	(D) Problem-solving coping		
72.	Which of the following is true?		
	(A) Smoking produces immediate transient increase in GCF		
	(B) Smoking produces prolonged increase in GCF		
	(C) Smoking produces immediate decrease in GCF		
	(D) Smoking has no effect on GCF flow		
73.	B cells found in established lesion	on are predominantly	
	(A) IgG1/IgG2		
	(B) IgG1/IgG3		
	(C) IgG2/IgG3		
	(D) None of the above		
74.	Which of the following is an obli	gate intracellular organism?	
	(A) Escherichia coli		
	(B) Chlamydia trachomatis		
	(C) Staphylococcus aureus		
	(D) Vibrio cholerae		
75.	The major determinant of loading	ng dose of a drug is	
	(A) Half life		
	(B) Clearance		
	(C) Volume of distribution		
	(D) Bioavailability		

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76.	CONSORT is used for which type of re	esearch?
	(A) Systematic reviews and meta-analy	vsis
	(B) Parallel randomized control trials	
	(C) Observational studies	
	(D) Qualitative studies	
77.	What percent change of HbA1 can be in patients with DM and chronic period	expected 3 months after non-surgical periodontal therapy dontitis?
	(A) Approx. 0.5%	
	(B) Approx. 1%	
	(C) More than 1%	
	(D) None of the above	
78.	Which of the following is a derived pro-	otein?
	(A) Protamines	(B) Peptones
	(C) Prolamines	(D) Lactalbumin
79.	Which of the following toxins is associated with scarlet fever?	
	(A) Exfoliative toxin	
	(B) Streptococcal pyrogenic exotoxin	
	(C) Botulinum toxin	
	(D) Tetanospasmin	
80.	Which of the following statement is fal	se?
	(A) Transseptal fibers are not destroyed in inflammation	
	(B) Transseptal fibers are present in the cases of extreme periodontal bone loss	
	(C) The dense transseptal fibers are encountered during periodontal flap surgery	
	(D) The dense transseptal fibers are inflammatory process	one of the barriers that protects interdental bone from
81.	Which marker is specific for T lympho	cytes?
	(A) CD19	(B) CD3
	(C) CD34	(D) CD15
82.	Which phase of the cardiac cycle invol	ves the closure of the mitral and tricuspid valves?
	(A) Atrial systole	
	(B) Isovolumetric contraction	
	(C) Ventricular ejection	
	(D) Isovolumetric relaxation	

- 83. Mobile teeth are associated with higher proportion of which of the following bacteria than non-mobile teeth?
  - (A) C.rectus and peptostreptococcus micros
  - (B) B.forsythia and p.gingivalis
  - (C) T.denticola and p.gingivalis
  - (D) Capnocytophaga and p.intermedia
- 84. Which segment of the ECG corresponds to ventricular depolarization?
  - (A) P wave
  - (B) QRS complex
  - (C) T wave
  - (D) PR interval
- 85. Which type of receptor is involved in the stretch reflex?
  - (A) Golgi tendon organ
  - (B) Muscle spindle
  - (C) Pacinian corpuscle
  - (D) Ruffini endings
- 86. STARD is used for which type of research?
  - (A) Qualitative studies
  - (B) Observational studies
  - (C) Diagnostic accuracy studies
  - (D) Synthesis of qualitative research
- 87. Langer and mini langer curettes comprise a set of
  - (A) #5-6, #7-8, #13-14
  - (B) #5-6, #7-8, #9-10
  - (C) #11-12, #13-14
  - (D) #3-4, #5-6, #9-10
- 88. Which of the following is true for Quetin furcation curettes?
  - (A) BL-1 and MD-1 are small and fine, BL-2 and MD-2 are larger and wider
  - (B) BL-1 and MD-1 are larger and wider, BL-2 and MD-2 are small and fine
  - (C) BL-1 and MD-1 are small and fine, BL-3 and MD-3 are larger and wider
  - (D) BL-1 and MD-1 are larger and wider, BL-3 and MD-3 are small and fine

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89.	What is the primary cause of fatty liver in chronic alcoholism?  (A) Lipid peroxidation  (B) Increased NADH production		
	(C) Hepatocyte necrosis		
	(D) Decreased bile synthesis		
90.	The most common bacteria implicated in causing infective endocarditis is		
	(A) Staphylococcus epidermidis		
	(B) Streptococcus viridans		
	(C) Escherichia coli		
	(D) Pseudomonas aeruginosa		
91.	What is C3 according to CDC classification for AIDS?		
	(A) AIDS and CD4 count < 200		
	(B) AIDS and CD4 count between 200 and 499		
	(C) Opportunistic infection and CD4 count < 200		
	(D) Opportunistic infection and CD4 count between 200 and 499		
92.	Which of the following statement is false?		
	(A) Pyrophosphate reduces deposition of new calculus on teeth		
	(B) It interferes with crystal formation in calculus		
	(C) Pyrophosphate containing toothpaste also affects subgingival calculus formation		
	(D) Pyrophosphate does not affect fluoride ion in paste or increase sensitivity		
93.	Which anesthetic agent is contraindicated in epilepsy?		
	(A) Xenon (B) Enflurane		
	(C) Ketamine (D) Ether		
94.	Exposure must precede the disease. This type of causal association is known as		
	(A) Biological plausibility		
	(B) Specificity of association		
	(C) Temporal association		
	(D) Biological gradient		
95.	When both tetracycline and amoxicillin are required as a part of antimicrobial therapy in periodontitis patient, they are best given		
	(A) Simultaneously		
	(B) Serially		
	(C) On alternative days		
	(D) One in the morning and one in the evening		

96.	What is triangulation?	
	(A) Use of a variety of data sources in a study	
	(B) Use of multiple methods to study in a situation	tion or phenomenon
	(C) Use of three investigators to conclude the s	tudy
	(D) Use of multiple theories or hypothesis when	n examining a situation or phenomenon
97.	The antibiotic to which all strains of actinobac	illus are susceptible is
	(A) Tetracycline	(B) Metronidazole
	(C) Clindamycin	(D) Ciprofloxacin
98.	FSH, LH, TSH act through	
	(A) Cyclic AMP	
	(B) Cyclic GMP	
	(C) Adenosine cyclate	
	(D) Calcium release	
99.	Doxycycline is used in local drug delivery syste	em in periodontal therapy as
	(A) 5% gel	(B) 10% gel
	(C) 15% gel	(D) 20% gel
100.	Evidence based decision-making is a compilation	on of
	(A) Scientific evidence, operator's experienc circumstances	e and judgement, patient's preference, clinical
	(B) Operator's experience and judgement, pati	ent's preference, clinical circumstances
	(C) Scientific evidence, patient's preference, cli	inical circumstances
	(D) Scientific evidence, operator's experience a	and judgement, clinical circumstances
101.	How much force is specified for toothbrushing	?
	(A) 2N	(B) 3N
	(C) 4N	(D) 5N
102.	Which laser is effective for removing calculus f	From root surface?
	(A) ER: YSGG	(B) ER: YAG
	(C) CO <sub>2</sub>	(D) Diode
103.	Which of the following is not correct CHX regi	me for full mouth disinfection?
	(A) Rinsing with 0.2% CHX solution for 1 min	ute
	(B) Brushing dorsum of tongue for 1 minute w	ith 1% CHX gel
	(C) Three subgingival irrigations with 0.2% C	HX solution
	(D) Spraying the tonsils with 0.2% CHX soluti	on 4 times

104.	How is Koshy's method of full-mouth instrumentation protocol different from Wennstrom's?
	(A) Full-mouth procedure in 45-60 minutes
	(B) Full-mouth procedure in 2 hours
	(C) Full-mouth procedure without time limit in single visit
	(D) Full-mouth procedure without time limit but in multiple visits
105.	Which of the following is not a part of PRA (Periodontal Risk Assessment)?
	(A) Full mouth BOP %
	(B) Number of teeth present
	(C) Systemic/genetic conditions
	(D) Number of sites with probing depth > 5 mm
106.	What is the second step of algorithm for treatment of periodontitis?
	(A) Behaviour and risk factor modification
	(B) Cause-related therapy
	(C) Surgical therapy
	(D) Supportive periodontal care
107.	Patient presents with probing depth <= 5 mm, some teeth removed due to deep carious activity, some teeth have undergone root canal, 3-4 mm interdental CAL. Patient also has history of smoking since 10 years. Identify the stage of periodontitis according to 2018 classification.
	(A) Stage 1 (B) Stage 2
	(C) Stage 3 (D) Stage 4
108.	In the visual pathway, which cells are the first to generate action potentials?
	(A) Rods and cones
	(B) Bipolar cells
	(C) Ganglion cells
	(D) Amacrine cells
109.	What is the most common cause of bad breath?
	(A) Diet
	(B) Stomach problem
	(C) Tongue coating and periodontitis
	(D) Stomach problem and periodontitis
110.	Which of the following is not a diagnostic criteria for congestive heart failure?
	(A) Neck vein distension
	(B) Bradycardia
	(C) Pleural effusion
	(D) Acute pulmonary edema

111.	What is the primary reason that Misch recomn implant prosthetics?	nends for the use of "platform switching" in dental
	(A) To improve implant primary stability by re	ducing bone resorption at the implant neck
		oning the abutment in a more favourable position
	(C) To reduce the bacterial infiltration and enh	ance the healing process around the implant
	(D) To increase the bone-implant contact area,	thereby improving osseointegration
112.	Which TLR is not present on neutrophils?	
	(A) TLR 1	(B) TLR 2
	(C) TLR 3	(D) TLR 4
113.	The concept of hypotensive anesthesia was put	forth by
	(A) Cushing	(B) Choi
	(C) Ilizarov	(D) Davies
114.	increasingly develop the disease with time, ther (A) Incidence (B) Cumulative incidence	certain time period and concludes that the people it is expressed as
	(C) Prevalence	
	(D) Relative risk	
115.	Degree of abrasive action in mechanical plaque	control depends on
	(A) Use of abrasive dentifrices	
	(B) Use of hand toothbrush	
	(C) Vigorous toothbrushing	
	(D) All of the above	
116.	All of the following are proinflammatory in nat	ture except
	(A) IL1 F6	(B) IL1 F8
	(C) IL1 1F9	(D) IL1 F7
117.	An ideal disclosing agent should have all of the	e following except
	(A) Adequate staining	
	(B) Acceptable taste	
	(C) Non-irritant	
	(D) Non-diffusible	
118.	What is the standard Pocket depth for referral	to a periodontist?
	(A) 5 mm	(B) 5.4 mm
	(C) > = 4  mm	(D) > = 6  mm

119.	Highly specific technique to identify bacterial (A) Bacterial culture	species in biofilm is
	(B) FISH	
	(C) Immunofluoroscence	
	(D) Cytofluorometry	
120.	Which of the following keratin is present in su	lcular epithelium?
	(A) K1	(B) K4
	(C) K2	(D) K10
121.	Metabolic syndrome comprises of all except	
	(A) Hydrocortisol levels	(B) Abdominal obesity
	(C) Hypertension	(D) Hyperglycemia
122.	Bisphosphonates interfere with which enzyme	of Mevalonate pathway?
	(A) GGPP synthase	
	(B) FPPS	
	(C) Mevalonate kinase	
	(D) Farnesyl transferase	
123.	As per Lindhe, the critical probing depth for p	erforming periodontal flap surgery is
	(A) 4.1 mm	(B) 4.2 mm
	(C) 2.9 mm	(D) 3.0 mm
124.	AASA class 3 patient is described as	
	(A) Patient with severe systemic disease	
	(B) Patient with mild systemic disease	
	(C) Patient with severe systemic disease that is	constant threat to life
	(D) Moribund patient	
125.	The instrument used with a push stroke is	
	(A) Ochsenbein chisel #1 and #2	
	(B) Rhodes chisel	
	(C) Sickle scaler	
	(D) Back action chisel	
126.	The placement of the submarginal incision does	es not depend on
	(A) Transgingival interdental probing depth	
	(B) Mucogingival junction	
	(C) Depth of the palatal vault	
	(D) Clinical attachment level	

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- 127. Modified Widman flap was given by (A) Ramfjord and Nissle in 1972 (B) Robinson and Braden in 1974 (C) Ramfjord and Nissle in 1974 (D) Robinson and Braden in 1972 128. All the statements are false except (A) EMD is a semi-purified protein preparation from developing porcine teeth that contains a mixture of LMW proteins. (B) EMD is a purified protein preparation from developed porcine teeth that contains a mixture of LMW proteins. (C) EMD is a purified protein preparation from developing porcine teeth that contains a mixture of LMW proteins. (D) EMD is a semi-purified protein preparation from developed porcine teeth that contains a mixture of LMW proteins. 129. The critical temperature for bone cell necrosis during implant osteotomy is (A) 116.6 degree F at an exposure time of 1 minute (B) 47 degree F at an exposure time of 1 minute (C) 47 degree Celsius at an exposure time of 2 minutes (D) 116.6 degree Celsius at an exposure time of 1 minute 130. Maxillary sinus floor augmentation was first suggested by (A) Tatum in 1980 (B) Boyne and James in 1980 (C) Tatum in 1982 (D) Boyne and James in 1982 131. Who developed chi square test? (A) Park (B) Karl Pearson (D) Pierre Denoix (C) John Graunt 132. Cornerstone of "precision health care" includes which of the following?
  - (A) Preventive, predictive, participatory, personalised
  - (B) Preventive, predictive, personalised
  - (C) Preventive, participatory, personalised
  - (D) Preventive, predictive, participatory
- 133. In all of the following, RNA participates directly except
  - (A) Post-translational modification
  - (B) Post-transcriptional modification
  - (C) DNA replication
  - (D) Splicing

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134.	Both vitamin K and C are involved in	
	(A) The synthesis of clotting factors	
	(B) Post-translational modifications	
	(C) Antioxidant mechanisms	
	(D) The microsomal hydroxylation reactions	
135.	significant difference when in reality there was i	f drug on patient's sugar level, if the test showed no difference, then this is
	(A) Alpha error	
	(B) Beta error	
	(C) Gamma error	
	(D) Power of a test	
136.	Which of the following is an example of surroga	te end point?
	(A) Tooth loss	
	(B) Improved patient's quality of life	
	(C) Improved oral function	
	(D) Probing depth measurements	
137.	What is the mechanism of action of tetanus toxic	n?
	(A) Blocks acetylcholine release	
	(B) Blocks inhibitory neurotransmitters	
	(C) Causes membrane pore formation	
	(D) Induces apoptosis	
138.	According to McGuire and Nunn (1996) classifie	cation of prognosis, poor prognosis is defined as
	(A) Approx. 25% attachment loss or grade I fur	cation invasion
	(B) Approx. 50% attachment loss, grade II furc	ation invasion
	(C) Greater than 50% attachment loss or grade	II furcation invasion
	(D) Inadequate attachment loss to maintain hea	th, comfort and function
139.	Cessation of plaque control results in predomin can be completely reversed in how many days at	nance of gram-negative microbes. These changes fter plaque control practices are resumed?
	(A) 7 days	(B) 10 days
	(C) 15 days	(D) 1 month
140.	The most common mode of transmission of Legi (A) Inhalation of aerosols (B) Direct contact	onella pneumophila is through
	(C) Fecal-oral route	
	(D) Blood transfusion	

141. What is target hygiene concept? (A) Plaque biofilm removal at dento-gingival junction is necessary (B) An individual should brush twice per day and floss once daily (C) Daily biofilm control with mechanical cleaning (D) Using chemical plaque control agents along with mechanical cleaning 142. Which of the following defines the power of a test to identify those who do not have the disease? (A) Sensitivity (B) Specificity (C) Positive predictive value (D) Negative predictive value 143. Under NOHP, a dentist should be placed at which level of health care? (A) Primary health care (B) CHC (C) Sub center/district (D) Health and wellness clinics 144. Which of the following statement is true for type B autoclave? (A) Has vacuum cycle for drying (B) Has gravity displacement for drying (C) Has unsterilized chemical vapour for sterilization (D) Use dry heat as a sterilization source 145. Which of the following correctly describes PICO? (A) Problem or population (P), intervention (I), comparison group (C) and outcomes (O) (B) Problem or population (P), identification (I), comparison group (C) and outcomes (O) (C) Problem or population (P), identification (I), control group (C) and outcomes (O) (D) Problem or population (P), intervention (I), control group (C) and outcomes (O) 146. Metronidazole is not a drug of choice for treating (A) Aa. comitans (B) P. gingivalis (C) Prevotella intermedia

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(D) Spirochetes

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147.	The principle of electrically active toothbrush is
	(A) Oscillation-rotation
	(B) Electromagnetic current
	(C) Eliminating H+ ions from plaque
	(D) Generating voltage potential to the brush
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148.	
	(A) B1 (B) B2 (C) B(
	(C) B6 (D) B12
149.	Halita mouthwash is composed of all of the following except
	(A) 0.05% CHX
	(B) 0.05% CPC
	(C) 0.14% Zn lactate
	(D) 0.12% CHX
150.	Treatment of choice in hypertension with diabetes mellitus is
	(A) Beta-blockers
	(B) Thiazides
	(C) ACE inhibitors
	(D) Calcium channel blockers
151.	Which of the following adverse effect is likely to increase when carbamazepine is added to valproate?
	(A) Hepatotoxicity
	(B) Thrombocytopenia
	(C) Pancreatitis
	(D) Hyperammonemia
152.	Hospice refers to
	(A) Group of professionals who provide counselling to families
	(B) Colostomy bag provision by an association of colostomy patients in USA
	(C) Euthanasia for cancer patients
	(D) Special group of people helping the old and terminally ill patients
153.	Which of the following describes the progression of foci of calcification as calculus formation advances?
	(A) They initially become basophilic and transition to eosinophilic staining properties
	(B) They transition from eosinophilic to basophilic with a reduced bacterial presence
	(C) They maintain a constant staining intensity, showing no alterations
	(D) They disappear altogether as calcification progresses

154.	What is meant by the concept of a "contained (A) A state where no lymphocytes are involved.	" gingivitis as proposed by Seymour and colleagues?"  I in the lesion
		edominate but has not progressed to B-lymphocyte
	(C) A state in which the bacterial biofilm has	been entirely cleared.
	(D) A stage where plasma cells are dominant	·
155.	Increase in lactate and pyruvate is seen in the	e deficiency of
	(A) Pyridoxin	(B) Niacin
	(C) Thiamine	(D) Retinoic acid
156.	Propaganda is defined as	
	(A) Forcing of knowledge into mind	
	(B) Active acquiring of knowledge	
	(C) Requiring knowledge after thinking	
	(D) Training of people to use judgement befo	re acting
157.	Which device uses air pressure to create mec	hanical vibration?
	(A) Sonic scaler	
	(B) Ultrasonic scaler	
	(C) Piezoelectric scaler	
	(D) Modified sonic	
158.	Tissue re-evaluation after phase I therapy is	done after
	(A) 2 weeks	(B) 4 weeks
	(C) 3 weeks	(D) 6 weeks
159.	The fuel value of fat is	
	(A) 4	(B) 7
	(C) 9	(D) 5
160.	The term 'deep cementopathia' was given by	
	(A) Gottlieb in 1923	
	(B) Gottlieb in 1928	
	(C) Wannemacher	
	(D) Butler	
161.	D5 bone is present in	
	(A) Anterior maxilla	
	(B) Posterior maxilla	
	(C) Poorly mineralized bone graft	
	(D) Cortical bone graft	

162.	All are the com	ponents of basement	membrane excep
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(A) Nitrogen

(B) Laminin

(C) Eutactin

(D) Rhodopsin

#### 163. What increases the risk of bone loss on the distal surface of the second molar?

- (A) Early extraction of third molars before the roots are fully formed
- (B) Extracting third molars after their roots are completely formed in older patients
- (C) Not removing peri-coronal debris and failing to evaluate occlusion
- (D) Surgical reduction of the peri-coronal flap without repositioning distal tissue

#### 164. Leukemic gingival enlargement

- (A) Occurs in chronic leukemia.
- (B) Occurs by abnormal accumulation of leukemia cells in dermal and subcutaneous connective tissue.
- (C) Occurs by dense cellular accumulation in papillary layer of connective tissue.
- (D) Occurs by dense cellular accumulation in reticular layer of connective tissue.
- 165. Which of the following muscle is the 'safety' muscle of larynx?
  - (A) Lateral cricoarytenoid
  - (B) Posterior cricoarytenoid
  - (C) Oblique arytenoid
  - (D) Transverse arytenoids
- 166. Which of the following is more sensitive and higher degree of reproducibility?
  - (A) Subtraction Radiography
  - (B) CADIA Radiography
  - (C) Digital Radiography
  - (D) Conventional Radiography
- 167. What T-cell subset is the predominant phenotype in stable periodontal lesions, and how might its alterations contribute to periodontal disease progression?
  - (A) CD8 + cytotoxic T cells; they inhibit inflammatory responses.
  - (B) Th2 cells; their predominance prevents the activation of macrophages.
  - (C) Th1 cells; their overactivation leads to a reduced ability to clear B-cell responses.
  - (D) CD4+ helper T cells; their imbalance can lead to a shift toward a destructive, B-cell-dominated lesion

<ul> <li>168. Which type of implant is characterized by its design, where the implant is inserted into a hole prepared in the jawbone? <ul> <li>(A) Subperiosteal implant</li> <li>(B) Endosteal implant</li> <li>(C) Transosteal implant</li> <li>(D) Plate form implant</li> </ul> </li> <li>169. How does the lacto peroxidase-thiocyanate system exert its bactericidal effects? <ul> <li>(A) By cleaving glycopeptide linkages in bacterial cell walls</li> <li>(B) By preventing the accumulation of lysine and glutamic acid, which are essential for bacterial growth</li> <li>(C) By directly targeting bacterial membranes with defensins</li> <li>(D) By inhibiting bacterial attachment to hydroxyapatite</li> </ul> </li> <li>170. Which of the following is a distinguishing feature of Stage III Periodontitis compared to Stage II? <ul> <li>(A) Probing depths ≤ 5 mm</li> <li>(B) Coronal third of the root bone loss only</li> <li>(C) Presence of vertical bone loss ≥ 3 mm</li> <li>(D) Bone loss involving less than 15% of the teeth</li> </ul> </li> <li>171. Periodontal surgical intervention should be considered after phase I therapy for patients with clinical attachment loss of <ul> <li>(A) &gt; = 5 mm</li> </ul> </li> </ul>					
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171. Periodontal surgical intervention should be considered after phase I therapy for patients with clinical attachment loss of  (A)>= 5 mm  (B)>= 4 mm					
clinical attachment loss of $(A) > = 5 \text{ mm}$ $(B) > = 4 \text{ mm}$					
(6) 2					
(C) 3 mm (D) 2 mm					
<ul> <li>Statement 1: The width of the attached gingiva is an important clinical parameter in evaluating periodontal treatment outcome.</li> <li>Statement 2: The width of the attached gingiva primarily corresponds to the width of the free marginal gingiva.</li> </ul>					
Considering the given statements, which of the following is correct?  (A) Both statements are true.  (B) Both statements are false.  (C) The first statement is true and the second statement is false.					
			(D) The first statement is false and the second statement is true.		
			Papillon Lefevre is caused by mutation in which gene?		
			(A) COL1 A1 (collagen)		
(B) Adenomatous polyposis coli (APC)					
(C) Osteopontin					
(D) Cathepsin C					
174. Which histological stage of gingivitis is characterized with predominance of T-lymphocytes?					
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174. Which histological stage of gingivitis is characterized with predominance of T-lymphocytes?  (A) early  (B) established					

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175.	Halimeter is sensitive to the detection of		
	(A) Methylmercaptan	(B) Hydrogen sulphide	
	(C) Ethanol	(D) Dimethylsulphide	
176.	6. Which of the following cement bonds to tooth structure, has an anticariogenic effect, has a deg of translucency and does not irritate the pulp?		
	(A) Polycarboxylate cement		
	(B) Resin cement		
	(C) Silicate cement		
	(D) Glass ionomer cement.		
177.	7. 3As of Smoking cessation includes all except		
	(A) Ask	(B) Assess	
	(C) Advice	(D) Act	
178.	. It is necessary to avoid the ingestion of tetracyclines between the age groups from		
	(A) 4 months to 7 years	(B) 1 year to 3 years	
	(C) 4 months to 10 months	(D) 7 months to 5 years	
179.	9. Time required for calcification of half of calculus is		
	(A) 24 hr	(B) 48 hr	
	(C) 96 hr	(D) 72 hr	
180.	Xeroradiography was invented by		
	(A) Chester F. Carlson in 1937		
	(B) Simon		
	(C) Hudson Kampula and Dickson in 1957		
	(D) Hofrath and Broadbent in 1934		
181.	. All are the branches of third part of maxillary artery except (A) Sphenopalatine		
	(B) Middle meningeal		
	(C) Greater palatine		
	(D) Posterior superior alveolar		
182.	Western blotting is a technique used in the determination of		
	(A) DNA	(B) RNA	
	(C) Protein	(D) Polysaccharides	

- 183. Truss arm is
  - (A) Reciprocal arm
  - (B) Retentive arm
  - (C) Minor connector
  - (D) Major connector
- 184. Non-bone graft materials used in periodontal surgery include
  - (A) Cartilage, cementum, xenograft.
  - (B) Dentin, Plaster of Paris, allografts.
  - (C) Ceramics, coral derived materials, autografts.
  - (D) Cartilage, sclera, dura, dentin, cementum.
- 185. Identify the risk predictor for periodontal disease from the following:
  - (A) HIV
  - (B) Osteoporosis
  - (C) Previous history of periodontitis
  - (D) Diabetes
- 186. A 40 years diabetic patient, presents clinically with periodontal attachment loss and diagnosed as having periodontitis. According to AAP 1999 classification of periodontal diseases, the type of periodontitis in this case is
  - (A) Aggressive periodontitis
  - (B) Periodontitis as a manifestation of systemic disease
  - (C) Chronic periodontitis modified by systemic condition
  - (D) Generalized aggressive periodontitis
- 187. Which of the following genetic disorders is not associated with periodontal disease?
  - (A) Down syndrome
  - (B) Cyclic neutropenia
  - (C) Hypophosphatasia
  - (D) Oral-facial-digital syndrome
- 188. Critical zone in pocket surgery includes all except
  - (A) Soft tissue pocket wall
  - (B) Attached gingiva
  - (C) Connective tissue
  - (D) Tooth surface

- 189. Major aim of phase 1 clinical trials is to know the
  - (A) Safety
  - (B) Efficacy
  - (C) Maximum tolerable dose
  - (D) Pharmacokinetics
- 190. All of them are interdental knives except
  - (A) Orbans knife #1
  - (B) Merrifield knife #4
  - (C) Kirkland knife
  - (D) Merrifield knife #1
- 191. Which of the following DIGO can coexist with periodontitis?
  - (A) Phenytoin induced
  - (B) Nifedipine induced
  - (C) Cyclosporine induced
  - (D) None of the above
- 192. 3-walled defects are more frequently found on
  - (A) Mesial surface of upper and lower molars
  - (B) Distal surface of upper and lower molars
  - (C) Mesial surface of upper and lower premolars
  - (D) Distal surface of upper and lower premolars
- 193. Which of the following is not a primary feature of aggressive periodontitis?
  - (A) Rapid loss of attachment
  - (B) Subject is otherwise healthy
  - (C) Familiar aggregation
  - (D) Hyperresponsive macrophage
- 194. Subclinical gingivitis is
  - (A) Characterized by vascular proliferation
  - (B) Characterized by predominant lymphocytes
  - (C) Characterized by increased crevicular fluid and infiltration of S.E. and J.E. by PMN
  - (D) Characterized by predominantly plasma cells microscopically
- 195. The basic types of electrosurgical techniques are
  - (A) electro section, electrocoagulation, electro fulguration and electrodessication
  - (B) electrocoagulation, electro fulguration and electro section
  - (C) electro section and electro fulguration
  - (D) electrocoagulation, electrodessication and electro section

- 196. The following statements regarding internal bevel incision are all true except
  - (A) removal of pocket lining
  - (B) conserves the relatively uninvolved outer surface of the gingiva
  - (C) produces a sharp, thin flap margin for adaptation to the bone-tooth junction
  - (D) directed coronally towards the tooth apical to the bottom of the periodontal pocket
- 197. A patient is on warfarin therapy. All of the following drugs increase the risk of bleeding with warfarin except
  - (A) Isoniazid
  - (B) Amiodarone
  - (C) Carbamazepine
  - (D) Cimetidine
- 198. Select the correct sequence of procedure for osseous surgery.
  - (A) Radicular blending, Vertical grooving, Gradualizing marginal bone, Flattening interproximal bone
  - (B) Vertical grooving, Radicular blending, Flattening interproximal bone, Gradualizing marginal bone
  - (C) Vertical grooving, Gradualizing marginal bone, Radicular blending, Flattening interproximal bone
  - (D) Vertical grooving, Flattening interproximal bone, Gradualizing marginal bone, Radicular blending
- 199. Fenestration in implant is
  - (A) Exposure of axial surface with coronal surface unexposed
  - (B) Exposure of collar of implant
  - (C) Exposure of both axial and coronal surface
  - (D) Intact axial and coronal surface
- 200. What is the main disadvantage of using a large-diameter implant in areas with limited bone volume?
  - (A) Increased risk of implant failure due to stress overload on surrounding bone
  - (B) Increased risk of peri-implantitis due to plaque accumulation
  - (C) Difficulty in achieving adequate osseointegration
  - (D) Higher cost of implant placement

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# **SPACE FOR ROUGH WORK**