

BCA

PROVISIONAL ANSWER KEY

Name of The Post	Tutor Prosthodontics and Crown and Bridge, Class-2
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Instructions / સૂચના (Physical Submission)

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

- (1) All the suggestion should be submitted in prescribed format of suggestion sheet **PHYSICALLY.**
- (2) Question wise suggestion to be submitted in the prescribed format (Suggestion Sheet) published on the website.
- (3) All suggestions are to be submitted with reference to the Master Question Paper with provisional answer key (Master Question Paper), published herewith on the website. Objections should be sent referring to the Question, Question No. & options of the Master Question Paper.
- (4) Suggestions regarding question nos. and options other than provisional answer key (Master Question Paper) shall not be considered.
- (5) 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 suggestions are differed.
- (6) Objection for each question shall be made on separate sheet. Objection for more than one question in single sheet shall not be considered & treated as Cancelled.
- (7) Candidate who is present in the exam entitled to submit the objection/(s).
- (8) Candidate should attach copy of his/her OMR (Answer sheet) with objection/(s).

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

- (1) ઉમેદવારે વાંધા-સૂચનો નિયત કરવામાં આવેલ વાંધા-સૂચન પત્રકથી રજૂ કરવાના રહેશે.
- (2) ઉમેદવારે પ્રશ્નપ્રમાણે વાંધા-સૂચનો રજૂ કરવા વેબસાઇટ પર પ્રસિધ્ધ થયેલ નિયત વાંધા-સૂચન પત્રકના નમૂનાનો જ ઉપયોગ કરવો.
- (3) ઉમેદવારે પોતાને પરીક્ષામાં મળેલ પ્રશ્નપુસ્તિકામાં છપાયેલ પ્રશ્નક્રમાંક મુજબ વાંધા-સૂચનો રજૂ ન કરતા તમામ વાંધા-સૂચનો વેબસાઇટ પર પ્રસિધ્ધ થયેલ પ્રોવિઝનલ આન્સર કી (માસ્ટર પ્રશ્નપત્ર)ના પ્રશ્ન ક્રમાંક મુજબ અને તે સંદર્ભમાં રજૂ કરવા.
- (4) માસ્ટર પ્રશ્નપત્ર માં નિર્દિષ્ટ પ્રશ્ન અને વિકલ્પ સિવાયના વાંધા-સૂચન ધ્યાને લેવામાં આવશે નહીં.
- (5) ઉમેદવારે જે 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-સૂચન ધ્યાનમાં લેવાશે નહીં.
- (6) એક પ્રશ્ન માટે એક જ વાંધા-સૂચન પત્રક વાપરવું. એક જ વાંધા-સૂચન પત્રકમાં એકથી વધારે પ્રશ્નોની રજૂઆત કરેલ હશે તો તે અંગેના વાંધા-સૂચનો ધ્યાને લેવાશે નહીં.
- (7) પરીક્ષામાં હાજર રહેલ ઉમેદવાર જ વાંધા - સૂચન રજૂ કરી શકશે .
- (8) ઉમેદવારે વાંધા-સૂચન સાથે પોતાની જવાબવહીની નકલ બિડાણ કરવાની રહેશે.

001. The modulus of elasticity is defined as
 (A) The stress at the proportional limit
 (B) The strain at the proportional limit
 (C) The stress/strain ratio within the proportional limit
 (D) None of the above
002. Compressive stress is computed by dividing the external force by the
 (A) Area of the test specimen upon which the weight rests
 (B) Elasticity of the test specimen in strain
 (C) Length of the test specimen beneath the force
 (D) Strain of the test specimen per unit length
003. The impression material used to record the prepared areas on abutment teeth is
 (A) High viscosity elastomeric impression material
 (B) Medium viscosity elastomeric impression material
 (C) Low viscosity elastomeric impression material
 (D) None of the above
004. Vulcanization refers to the setting of:
 (A) Reversible hydrocolloid (B) Mercaptan impression material
 (C) Zinc phosphate cement (D) Zinc oxide-eugenol
005. Accelerators and retarders are used with gypsum products mainly to control
 (A) Setting time (B) Setting expansion
 (C) Hardness of the set product (D) None of the above
006. The cohesive gold used as bulk filler is:
 (A) Electra alloy (B) Mat gold
 (C) Spherical gold (D) Gold foil
007. The carat for Au foil used for restorations is:
 (A) 18 (B) 20
 (C) 22 (D) 24
008. Electralloy is an alloy of:
 (A) Gold and Platinum (B) Cobalt and Chromium
 (C) Gold and Calcium (D) Tin and Chromium
009. Pitting of direct filling gold restoration usually results from:
 (A) Using contaminated gold foil (B) Poor finished preparation
 (C) Improper stepping of condenser point (D) Using small condenser point
010. Fluoride rich materials include?
 (A) Silicate cement (B) Glass ionomer cement
 (C) Poly carboxylate cement (D) All of the above
011. Which of the following is not a processing wax?
 (A) Utility (B) Boxing
 (C) Sticky (D) Inlay
012. Peripheral neuritis is a complication of
 (A) Isoniazid (B) Ethambutol
 (C) Rifampicin (D) Pirazinamide

013. Neuromuscular blocking agent with duration of onset of action less than 2 minutes is
 (A) D-tubocurarine (B) Succinyl Choline
 (C) Pancuronium (D) Gallamine
014. Nausea and vomiting that are associated with administration of opioid analgesic is the result of stimulation of the
 (A) Limbic system (B) Emetic system
 (C) Chemoreceptor trigger zone (CTZ) (D) Opioid receptors in G.I.T
015. Elimination after 4 half lives in first order kinetics is
 (A) 84% (B) 93%
 (C) 80.5% (D) 4.75%
016. Which one produces dissociative anaesthesia
 (A) Propomid (B) Thiopentone Sodium
 (C) Fentanyl- droperodol (D) Ketamine
017. 1st pass metabolism can be observed with which route
 (A) Oral (B) Inhalation
 (C) Rectal (D) Parental
018. In the treatment of intestinal and extra intestinal amoebiasis which of the following drug is useful
 (A) Diloxane (B) Metronidazole
 (C) Chloroquine (D) Cefaclor
019. The selective BETA-1 receptor agonist is
 (A) Dobutamine (B) Dopamine
 (C) Atenolol (D) Salbutamol
020. Bacteria reproduce mainly by:
 (A) Budding (B) Binary fission
 (C) Sporing (D) Bacterial components produced by host cells
021. Cytopathic effect is shown by
 (A) Virus (B) Bacteria
 (C) Spirochete (D) Anaerobe
022. Fungus capable of forming fungal ball is:
 (A) Penicillium (B) Aspergillus
 (C) Mucor (D) Rhizopus
023. A dentist suffered from Hepatitis B infection 3 months back. His laboratory tests are normal but he is not allowed by the medical board to do surgical practice. He is
 (A) Inactive carrier (B) Healthy carrier
 (C) Convalescent Carrier (D) Paradoxical carrier
024. Actinomycetes is :-
 (A) Gram positive bacteria (B) Gram negative bacteria
 (C) Fungus (D) A yeast like form
025. Within which parts of a gastric gland are chief cells located
 (A) Fundus (B) Isthmus
 (C) Neck (D) Gastric pit

026. In case of hypercapnia there is
 (A) Increased pH of blood (B) Decreased pH of blood
 (C) Remains same (D) Increased oxygen concentration in blood
027. Carbon monoxide poisoning causes
 (A) Hypoxic hypoxia (B) Oxygen dissociation curve shifts to left
 (C) Cyanosis (D) Diffusion capacity of lung decreases
028. Tubular maximum for Glucose is
 (A) 180 mg/dl (B) 325 mg/ min
 (C) 375 mg/min (D) 375 mg/dl
029. Increase in threshold level on applying threshold, slowly rising stimulus is known as
 (A) Adaptation (B) Accomodation
 (C) Refractoriness (D) Electrotonus
030. Which of the following increases turbulence in blood flow:
 (A) Reynolds number <2000 (B) Decrease in velocity of blood
 (C) Decrease in density of blood (D) Increase in diameter of blood vessel
031. Second heart sound is characterized by all except:
 (A) Due to closure of semilunar valves
 (B) Is occasionally split
 (C) Has longer duration than 1st heart sound
 (D) Marks the onset of diastole
032. The function of Carotid body is:
 (A) Measures the change in PO₂ in arterial blood
 (B) Measures PO₂ in venous blood
 (C) Measures the change in CO₂ in arterial blood
 (D) Measures the change in CO₂ in venous blood
033. Mineral essential for Hb synthesis
 (A) Copper (B) Sodium
 (C) Potassium (D) Phosphorus
034. Which hormone does not have corresponding release hormone produced in pituitary
 (A) TSH (B) Prolactin
 (C) ACTH (D) FSH
035. A distal extension partial denture receives its support
 (A) From terminal abutments
 (B) Equally from abutments and the residual ridges.
 (C) Mostly from residual ridge.
 (D) Exclusively from residual ridge
036. Distal extension RPD is -
 (A) Both tissue and tooth borne (B) Tooth borne
 (C) class III condition (D) class IV condition
037. The most widely used partial denture classification
 (A) Kennedy (B) Kennedy Applegate
 (C) Cumberland (D) None of the above

038. For obtaining functional impression for RPD:
 (A) Teeth are recorded in anatomical form and ridge in functional form
 (B) Teeth are recorded in functional form and ridge in anatomical form
 (C) Teeth and ridge are recorded both in anatomical and functional form
 (D) None of the above
039. The most rigid palatal major connector is
 (A) A-P palatal bar (B) Palatal plate
 (C) Palatal bar (D) Horse shoe shaped palatal bar
040. Posterior palatal bar is placed
 (A) On the soft tissue
 (B) Placed on the hard palate entirely
 (C) At the junction of hard and soft palate
 (D) Should be kept 0.5-1.0 mm away from the mucosa
041. Mandibular major connector used in class I situation where residual ridge have undergone vertical resorption is
 (A) Lingual Bar (B) Lingual Plate
 (C) Kennedy's bar (D) Labial bar
042. Borders of major connectors adjacent to gingival crevices should be no closer to the crevices than
 (A) 1-2 mm (B) 2-3 mm
 (C) 3-6 mm (D) 7-10 mm
043. Terminal end of retentive arm of extracoronal retainer is placed at –
 (A) Gingival third (B) Occlusal third
 (C) Middle Third (D) Junction of middle and gingival third
044. The clasp for partial denture should be made of –
 (A) Gold (B) Iridoplatinum
 (C) Platinum (D) Silver
045. Which type of RPD definitely requires an indirect retainer –
 (A) Class I, II RPD (B) Class II, IV RPD
 (C) Class I, IV RPD (D) Class III, IV RPD
046. Which direct retainer is indicated in case of an isolated , mesially inclined molar –
 (A) Half and half clasp (B) Ring clasp
 (C) Bar clasp (D) C- clasp
047. Which of the following rod is not used with the surveyor
 (A) Incisal guide pin (B) Analysing rod
 (C) Carbon marker (D) Wax trimmer
048. Ideally the depth of undercut on the proposed abutment teeth at the most desired location is
 (A) 0.010 inch (B) 0.015 inch
 (C) 0.020 inch (D) 0.030 inch
049. The tilting of cast during surveying in a RPD changes the
 (A) Position of undercuts (B) Path of insertion
 (C) Amount of undercut (D) All of the above

050. The length of proximal guiding plane is of the enamel crown portion of the tooth from the marginal ridge cervically is
 (A) 1/3 (B) 2/3
 (C) 1/2 (D) Entire length
051. Best way to differentiate a periapical cyst and a periapical granuloma is:
 (A) Radiographically (B) Histologically
 (C) Clinically (D) None of the above
052. Discoloration of the denture constructed from cold cure acrylic resin is due to:
 (A) Absorption of oral fluids (B) PH changes in saliva
 (C) Leaching out of tertiary amines (D) Leaching out of excess monomer
053. Snow shoe effect indicates:
 (A) Broad coverage (B) Physiologic basing
 (C) Indirect retention (D) All of the above
054. In class III Ellis fracture:
 (A) Only enamel is involved (B) Enamel and dentine are involved
 (C) Enamel, dentine and pulp are involved (D) Non -vital pulp
055. Altered cast technique is used in:
 (A) Class III (B) Class II
 (C) Class III modification II (D) Class IV
056. Bacteria responsible for initiation of caries is:
 (A) Actinomyces (B) Strep. Mutans
 (C) Lactobacillus (D) Strep. Viridians
057. Functional cusp bevel is given for:
 (A) Marginal integrity (B) Structural durability
 (C) Retention & resistance form (D) To improve the geometry of tooth surface
058. One of the major disadvantages of immediate denture treatment is:
 (A) Pain associate with treatment (B) Difficulty in managing occlusions
 (C) Need for relines (D) No control over tooth placement and shape
059. Life cycle of RBC is:
 (A) 12 days (B) 90 days
 (C) 120 days (D) One month
060. Impurities in casting is removed by:
 (A) Annealing (B) Degassing
 (C) Pickling (D) Conditioning
061. Gingiva is most commonly affected by deficiency of:
 (A) Vitamin A (B) Vitamin B
 (C) Vitamin C (D) Vitamin K
062. Paroxysmal lacrimation during mastication occurs due to damage to:
 (A) Facial nerve (B) Auriculotemporal nerve
 (C) Oculomotor nerve (D) Mandibular nerve
063. The most dangerous type of spread of infection from apical abscess is, to:
 (A) Infratemporal fossa (B) Pterygoid
 (C) Parapharyngeal space (D) Submandibular space

064. Bell's Palsy is characterized by:
- (A) Bilateral involvement of the side of the face
 (B) Inability to whistle
 (C) No loss of muscular control
 (D) Closing of the eye
065. The torus mandibularis is most commonly seen in the region of:
- (A) Incisor region (B) Canine region
 (C) Molar region (D) Premolar region
066. Sialography is used to detect anomaly of:
- (A) Salivary duct only (B) Salivary gland
 (C) Salivary gland and duct (D) Salivary gland tumours
067. In an 8-year old child 1st molar is extracted due to caries. The treatment of choice is:
- (A) RPD
 (B) Space maintainer
 (C) Surgical repositioning of 2nd molar
 (D) Wait for the 2nd molar to drift mesially on its own
068. Which of the following diseases is known as the 'kissing disease'?
- (A) AIDS (B) Infectious mononucleosis
 (C) Primary syphilis (D) Recurrent aphthous stomatitis
069. 'Xerostomia' is seen in all of the following except in:
- (A) Anticholinergic drugs (B) Dehydration
 (C) Sjogren's syndrome (D) Oral sepsis
070. A patient with head injury should be carried in which position:
- (A) Prone (B) Supine
 (C) Lateral (D) Sitting
071. The purpose of pulpotomy in young permanent tooth:
- (A) Prevent tooth fracture
 (B) To induce root formation
 (C) Formation of hard tissue to support restoration
 (D) To minimize infection
072. Which of the following contains primer and bonding agent in a single bottle and is known as 'single component system':
- (A) 3rd generation (B) 4th generation
 (C) 5th generation (D) 6th generation
073. The tongue is formed from:
- (A) 1st, 2nd, 3rd branchial arches (B) 1st, 3rd, 5th branchial arches
 (C) 1st, 3rd, 4th branchial arches (D) 1st, 4th, 5th branchial arches
074. Eugenol may be replaced in the zinc oxide eugenol cement by:
- (A) Acetic acid (B) Alginic acid
 (C) Phosphoric acid (D) Ortho-epoxy acid

075. How will the alveolar ridge respond to a mandibular complete denture base that terminates short of retromolar pad:
 (A) Marked ridge resorption will occur.
 (B) The apposition of bone on the ridge will occur.
 (C) The alveolar ridge will not be affected at all.
 (D) Soreness of the soft tissue.
076. The primary denture support area for a mandibular complete denture is:
 (A) The vestibule. (B) The buccal shelf.
 (C) The palatopharyngeal fold. (D) The frenulum.
077. Which impression technique will be used in a patient with a sharp mandibular ridge?
 (A) Minimum pressure impression technique.
 (B) Selective pressure impression technique.
 (C) Selective pressure impression technique.
 (D) All of the above of impression techniques.
078. A 65 years old man who is anaemic, complains of back pain, multiple radiolucencies in panoramic view, suffering from:
 (A) Multiple myeloma (B) Osteosarcoma
 (C) Giant cell granuloma (D) Eosinophilic
079. Which of the following is a main ingredient of denture cleaning powder or tablets?
 (A) Hydrogen peroxide (B) Detergents
 (C) Sodium perborates (D) Alkaline compounds
080. 'Grape bunch' shaped colonies are seen in:
 (A) Streptococcus (B) Staphylococcus
 (C) E.Coli (D) Gonococci
081. The phenomenon where porcelain appears different under varying light conditions is
 (A) Metamerism (B) Transmittance
 (C) Opacification (D) Translucency
082. Which of the following is used as a duplication material?
 (A) Impression plaster (B) Impression compound
 (C) Hydrocolloids (D) None of the above
083. Muscles of mastication are supplied by:
 (A) Second part of maxillary artery (B) Third part of maxillary artery
 (C) First part of maxillary artery (D) Facial artery
084. Which of the following cements have anticariogenic property:
 (A) ZOE (B) Calcium Hydroxide
 (C) Zinc silicophosphate (D) Zinc phosphate
085. 18-8 stainless steel orthodontic wire has:
 (A) 18% nickel and 8% chromium (B) 18% chromium and 8% nickel
 (C) 18% chromium and 8% cobalt (D) 18% carbon and 8% iron
086. Which of the following is the most compressible tissue in the lower arch:
 (A) Buccal shelf. (B) Premyloloid region.
 (C) Labial sulcus. (D) Retromolar pad.

087. HIV is transmitted by all of the following routes except:
 (A) Saliva (B) Needle prick injury
 (C) Blood transmission (D) Sexual intercourse
088. Surgical removal of a maxillary torus is indicated when?
 (A) The torus impinges on the soft palate.
 (B) The torus extends so far posteriorly that it interferes with the posterior palatal seal.
 (C) When it is psychologically disturbing to the patient who suffers from cancerphobia.
 (D) All of the above.
089. Group function occlusion is common in:
 (A) 10-14 years (B) 15-25 years
 (C) Above 30 years (D) Edentulous patients
090. The function of the sprue is to:
 (A) Form an opening for molten metal to enter the mould
 (B) Help polish cast restoration
 (C) Eliminate air bubbles on the wax pattern
 (D) Reproduce fine detail
091. To prevent sensitivity caused by acid etching and to protect pulp in deep cavities which of the following should be used?
 (A) Ca(OH)₂ liner (B) ZOE
 (C) Light cured GIC liner (D) Varnish
092. Endodontic therapy is contraindicated for a single rooted tooth that has:
 (A) discoloration
 (B) an aute apical abscess
 (C) a vertical fracture of the root and an associated deep periodontal defect
 (D) a horizontal fracture of the root and an associated deep periodontal defect
093. The function of the coupling agent in a restorative resin is to allow:
 (A) Adhesion of resin particles (B) Bonding between filler crystals
 (C) Bonding between filler and resin (D) Bonding between tooth and resin
094. Growth of all permanent teeth except last molar is completed by:
 (A) 6 years (B) 8 years
 (C) 12 years (D) 17 years
095. Neonatal lines are seen in:
 (A) Enamel of deciduous incisors (B) Enamel of permanent incisors
 (C) Enamel of premolars (D) Dentin of all teeth
096. Widal test is specific for:
 (A) Plague (B) Leprosy
 (C) Pemphigoid (D) Typhoid
097. The type of margin indicated for all metal crown is
 (A) Shoulder (B) Chamfer
 (C) Knife edge (D) Shoulder with bevel
098. Masseteric nerve is a branch of:
 (A) Long buccal nerve (B) Mandibular division of trigeminal nerve
 (C) Maxillary division of trigeminal nerve (D) Motor branch of facial nerve

099. Enzyme + coenzyme constitute:
- (A) Apoenzyme (B) Pro enzyme
(C) Protoenzyme (D) Holoenzyme
100. Calcitonin is released by:
- (A) Parafollicular cells of thyroid (B) Chief cells of thyroid
(C) Granular cells of adrenal gland (D) Stratum fasciculate of adrenal gland.
101. Hydatid cyst is :
- (A) Parasitic in nature (B) Fungal
(C) Congenital (D) Viral
102. Type of receptor present on T cells are:
- (A) IgA (B) IgG
(C) Prostaglandins (D) CD4
103. The disadvantage of using sanitary pontic is
- (A) Entrapment of food particles (B) Easy cleaning
(C) Good esthetics (D) Impaired oral hygiene
104. According to house classification of arch form Ovoid arch is included in?
- (A) Class 1 (B) Class 2
(C) Class 3 (D) Class 4
105. According to Boucher during initial meeting with patient first how much time spend with patient is most important?
- (A) 2 minutes (B) 5 minutes
(C) 10 minutes (D) 30 minutes
106. If mandibular ridge is divergent from the occlusal plane anteriorly than this relation of ridge Parallelism according to angle included in class?
- (A) Class 1 (B) Class 2
(C) Class 3 (D) Class 4
107. Which of the following marginal design affords the best seal?
- (A) Shoulder (B) Chamfer
(C) Deep chamfer (D) Bevelled
108. Which of the following layers or different porcelains cannot be applied in the buildup of a metal-ceramic crown?
- (A) Opacious dentin (B) Modifiers in every layer
(C) External colorants (D) None of the above
109. The type of gold alloy used in fixed partial dentures is:
- (A) Soft gold (B) Hard gold
(C) Medium gold (D) Extra hard gold
110. While making impression of flabby tissues on maxillary ridge for complete denture prosthesis, care is taken to:
- (A) Use mucostatic impression technique
(B) Use selective pressure technique of impression making
(C) Use a close fitting tray
(D) Follow normal procedure

111. The principal difference between shoulder and body porcelain is?
 (A) Esthetics (B) Translucency
 (C) Firing temperature (D) Strength
112. The following statements are true for ovate pontic design EXCEPT
 (A) It is mainly used for esthetic reasons
 (B) It is used for maxillary incisors only
 (C) There is maximum tissue contact
 (D) Socket preservation techniques should be performed like ridge augmentation
113. Because of improper framework design, much of the strength of the interface bond is lost. If the porcelain veneer is more than ___ thick over metal framework?
 (A) More than 0.75mm (B) More than 1 mm
 (C) More than 1.5 mm (D) More than 2 mm
114. In order to protect the pulp during restoration, the clinician should
 (A) Conserve tooth structure (B) Control the amount of tooth reduction
 (C) Use coolants to alleviate the heat (D) All of the above
115. VITA 3D-Master Shade Guide (Vident) improves accuracy in selection based on a value numbering system of 0 to 5, with 0 being the ?
 (A) Brightest (B) Less bright
 (C) Darkest (D) All of the above possible
116. After periodontal therapy, when can the dentist complete the marginal tooth preparation?
 (A) Same day (B) After 1 week
 (C) After 3 weeks (D) After 6 weeks
117. When using a tilted mandibular 2nd molar as an FPD abutment, the best method to compensate for the tilt is to?
 (A) Use of a non rigid connector in the bridge
 (B) Upright the tooth orthodontically
 (C) Modify the preparation by making a knife edge finish line on the mesial axial wall
 (D) Prepare the molar abutment for mesial half crown
118. Individual crowns have decay rates below 2%; however the risk of caries in abutment teeth is approximately 20%, mainly because?
 (A) The pontic region acts as a plaque reservoir
 (B) It is difficult to manage margins of abutment tooth
 (C) Vital tooth are more prone to caries
 (D) Above statement is false
119. When preparing a 3/4th crown on maxillary incisor tooth; proximal grooves should generally be parallel to?
 (A) long axis of tooth (B) gingival two thirds of labial surface
 (C) incisal two thirds of labial surface (D) None of the above
120. From which of the following condition you will decide that CR recorded is accurate while taking jaw relation?
 (A) After new record is made, chilled and trimmed, it does not adapt in patient mouth
 (B) Maxillary tuberosity and retro molar touches at wax wafer
 (C) Recorded in slight increase in vertical dimension of occlusion
 (D) Pressed Penetrating indentation of occlusal surface in wax in CR

121. Smallest stud attachment among following is?
 (A) Gerber (B) Dalla Bona
 (C) Rotherman (D) Ceka
122. What is the relation of fovea palatini to the vibrating line?
 (A) Behind the vibrating line. (B) In front of vibrating line
 (C) On the vibrating line (D) Has no relation to vibrating line
123. Which of the following articulator does not accept face bow transfer
 (A) Grittman articulator (B) Kinescope articulator
 (C) Stanberry articulator (D) Teledyne
124. The pathway of the impulse that regulate mandibular motion has been described by
 (A) Bennet (B) Sessle
 (C) Lucia (D) Sicher
125. The muscle involve in "Parallogram of forces" are all except's
 (A) Superficial portion of maestro (B) Posterior portion of temporaries
 (C) Superficial portion of medial pterygoid (D) inferior fibers of lateral pterygoid
126. Which of the following is incorrect about Panadent articulator
 (A) It uses premade fossa analog
 (B) The medial wall angulation of fossa analog is 6 degree
 (C) Condylar element is 12 inch
 (D) The analog fossa can be fitted to whipmix articulator
127. Whipmix articulator allows the condylar inclination of
 (A) 0-70 degree (B) 0-60 degree
 (C) 0-65 degree (D) 0-75degree
128. The centres in the terminal hinge position provide a definite starting position relation of mandible to maxilla -stated by
 (A) Trapazzano (B) Lazzari
 (C) Lucia (D) Brekke
129. Improper sound with K, Ng, G, I, E, N, Na is due to error in
 (A) Vertical dimension (B) Post dam area
 (C) Occlusal plane (D) Anterioposterior position of incisors
130. The following leads to cramped tongue, except
 (A) Posterior teeth set inside the ridge (B) Overextension of lingual border
 (C) Broad buccolingual molars (D) Molar teeth leaning inward
131. Pin-ledge retained partial veneer are indicated in
 (A) Periodontially compromised tooth (B) Teeth with large pulp chamber
 (C) Carious tooth (D) Endodontically treated tooth
132. Modified ridge lap was described by
 (A) Stein (B) Mc collum
 (C) Goldstein (D) Garner
133. As per staubli classification of intracoronal attachment, the hinge resilient type of attachment fall under which class
 (A) 1 (B) 2
 (C) 3 (D) 4

134. During selection of space for removable partial denture, the available space is measured from
 (A) CEJ to incisal edge (B) Free gingival margin to marginal ridge
 (C) Free gingival margin to occlusal plane (D) CEJ to occlusal plane
135. The required crown height of intra-coronal attachment for predictable biomechanical and functional success should be
 (A) 3 mm (B) 4 mm
 (C) 5 mm (D) 6 mm
136. Decreasing the length of intra-coronal attachment by 22 reduces the retention by the factor of
 (A) 4 (B) 6
 (C) 8 (D) 10
137. The following attachment cannot be used for FPD sectioning when future conversion of FPD to RPD is planned
 (A) Crismani (B) Stern type 7
 (C) Stern G/L (D) Schatzmann
138. The functional outer aspect of centric cusp make contact with
 (A) The inner inclines of non centric cusp (B) The inner inclines of centric cusp
 (C) The outer inclines of non centric cusp (D) The outer inclines of non centric cusp
139. Variation in cusp height cusp, cusp width and cusp angle is seen due to variation in
 (A) Condylar guidance (B) Curve of space
 (C) Bennet mouenent (D) Inter condylar distance
140. Piper classification for TMJ disorder involve the following structural elements, except
 (A) Displacement (B) Pain
 (C) Joint space (D) Deviation
141. Commonest site of carcinoma tongue is:
 (A) Apical (B) Lateral borders
 (C) Dorsum (D) Posterior 1/3
142. The PFM crown required what type of labial finish line on the preparation of anterior teeth?
 (A) Knife edge (B) Chamfer
 (C) Shoulder (D) Shoulder with bevel
143. Secondary retention for a removable partial denture is provided by:
 (A) The indirect retainer
 (B) The direct retainer
 (C) Intimate contact between the denture bases and the underlying tissues
 (D) Direct and indirect retainer
144. In cobalt- chromium alloys, the constituent responsible for corrosion resistance is:
 (A) Silver (B) Nickel
 (C) Cobalt (D) Chromium
145. The best criterion for teeth selection is:
 (A) Past photographs (B) Pre extraction records
 (C) Study models (D) None of the above
146. The most aesthetic and frequently placed crown for primary incisors is:
 (A) Stainless steel crown (B) Open face stainless steel crown
 (C) Pre-fabricated veneered steel crown (D) Strip crowns

147. Chemomechanical tissue retraction provides access primarily by
 (A) Displacing the gingival tissue laterally away from the tooth
 (B) Displacing the gingival tissue apically
 (C) Tearing the gingival attachment slightly
 (D) Chemically shrinking the gingival tissues
148. 'Cotton-wool' appearance is seen in:
 (A) Paget's disease (B) Osteosclerosis
 (C) periapical cemental adysplasia (D) Ossifying fibroma
149. Multiple radio opacities are seen in:
 (A) Multiple myeloma (B) Cherubism
 (C) Osteopetrosis (D) Odontomas
150. Tetracycline is contraindicated in:
 (A) Children (B) Pregnancy
 (C) Renal failure (D) All of the above
151. In a patient who is on long term steroid therapy what precaution is to be taken prior to tooth extraction?
 (A) Stop steroids before extraction (B) Additional steroids to be given
 (C) More antibiotic cover (D) Continue steroids as it is
152. Pierre Robbin syndrome is:
 (A) Cleft palate with syndactyly
 (B) Cleft palate with mandibular hypoplasia and respiratory obstruction
 (C) Cleft lip with mandibular hypoplasia
 (D) Cleft lip
153. Port wine stain is characteristic feature of:
 (A) Peutz Jegers Syndrome (B) Sturge Weber Syndrome
 (C) Albright's Syndrome (D) Lymphangioma
154. Maximum recommended dose for dental x-ray operator in a week is:
 (A) 100 miliroentgen (B) 10 roentgen
 (C) 100 roentgen (D) 300 roentgen
155. Drug of choice in treatment of trigeminal neuralgia:
 (A) Carbamazepine (B) Phenobarbitone
 (C) Chlorpromazine (D) Indomethacin
156. Atrial fibrillation is common in:
 (A) Adrenogenital syndrome (B) Addison's disease
 (C) Hyperthyroidism (D) Von-Willebrand's disease
157. The best radiographic view for TMJ is:
 (A) Lateral oblique (B) PA view
 (C) Water's view (D) OPG
158. How much labial tooth reduction is needed for a PFM crown?
 (A) 0.25 – 0.5 mm (B) 0.5 – 1 mm
 (C) 1 –1.5 mm (D) 1.5 – 1.75 mm
159. Grid is used in radiography to:
 (A) Reduce KVP (B) Reduce exposure time
 (C) Reduce fogging (D) None of the above

160. Ghost cells are seen in:
 (A) Ameloblastic Fibro odontoma (B) Calcifying odontogenic cyst
 (C) Compound odontoma (D) All of the above
161. Which of the following is the poorest source of vitamin 'c'?
 (A) Milk (B) Cabbage
 (C) Guava (D) Radish
162. The function of vitamin K is:
 (A) Thrombin formation (B) Prothrombin formation
 (C) Fibrin formation (D) Thromboplastin formation
163. Which of the following muscle helps in depressing the mandible:
 (A) Temporalis (B) Masseter
 (C) Lateral pterygoid (D) Medial pterygoid
164. Bevelling the functional cusps during a crown preparation for posterior tooth fulfills which principle of tooth preparation?
 (A) Preservation of tooth structure (B) Retention and resistance
 (C) Structural durability (D) Marginal integrity
165. Least desirable of all the margins
 (A) Shoulder with bevel (B) Feather edge
 (C) Rounded shoulder (D) Heavy chamfer
166. What is the relation of fovea palatini to the vibrating line:
 (A) Behind the vibrating line. (B) In front of vibrating line
 (C) On the vibrating line (D) Has no relation to vibrating line
167. What is the name for the form of caries, which is rapidly progressing?
 (A) Rampant caries (B) Nursing bottle caries
 (C) Acute dental caries (D) Chronic dental caries
168. The most common corrosion products found in amalgam alloy is/are –
 (A) Sulphides of silver (B) Oxides and chlorides of tin
 (C) Oxides of copper (D) All of the above
169. The inner surface of ceramic veneer is etched with:
 (A) 50% Phosphoric acid (B) 30% Polyacrylic acid
 (C) 35% Citric acid (D) 5% Hydrofluoric acid
170. RPI stands for:
 (A) Occlusal rest, Proximal plate, I bar (B) Cingulum rest, Proximal plate, I bar
 (C) Rest, Proximal guide plane, I bar (D) Rest, Proximal plate, Indirect retainer
171. Centre of activity of autonomic nervous system is:
 (A) Midbrain (B) Cerebrum
 (C) Hypothalamus (D) Pons
172. The purpose of heating gold foil before condensing is:
 (A) To improve welding quality
 (B) To melt the gold
 (C) To remove adsorbed gases on gold surface
 (D) To increase oxidation

173. The finish line can be moved subgingivally because of the following reasons:
 (A) Achieve a more esthetic result
 (B) Removal of caries that extend to the gingival area
 (C) Inadequate crown length
 (D) All of the above
174. Gillmore needle is used for:
 (A) Testing the strength of plaster of paris (B) Evaluating the setting time of plaster of paris
 (C) Testing the metal hardness (D) Testing the purity of noble metals
175. Minimum number of lobes required for tooth formation:
 (A) 5 (B) 2
 (C) 3 (D) 4
176. Moth eaten appearance of enamel is seen in:
 (A) Odontodysplasia (B) Amelogenesis imperfect
 (C) Dentin dysplasia (D) Mottled enamel
177. Actinomycosis is caused by:
 (A) Fungus
 (B) Acid fast non motile bacillus
 (C) Anaerobic gram positive non-acid fast bacteria
 (D) Retrovirus
178. What is the optimum crown:root ratio of a tooth that is being considered as an abutment for a fixed bridge?
 (A) 1:1 (B) 2:1
 (C) 3:4 (D) 2:3
179. Ammonia treated gold foil is also known as:
 (A) Cohesive foil (B) Non cohesive foil
 (C) Corrugated foil (D) Non corrugated foil
180. The muscles of the tongue are supplied by:
 (A) Glossopharyngeal nerve (B) Lingual nerve
 (C) Chorda tympani (D) Hypoglossal
181. Which of the impression material can be stored for many hours before pouring?
 (A) Polyether (B) Condensation silicone
 (C) Polysulfide (D) Irreversible hydrocolloid
182. The position of the upper occlusal rim in the articulator is adjusted by:
 (A) Arbitrary means. (B) By using a facebow.
 (C) By adjusting the intercondylar distance. (D) By adjusting the incisal pin
183. Risk category of unstable angina:
 (A) ASA I (B) ASA II
 (C) ASA III (D) ASA I
184. Stress relaxation in denture base resin produces a small surface flaw, known as:
 (A) Crazeing (B) Microporosity
 (C) Cracks (D) None of the above

185. Occlusal awareness between the teeth in case of natural teeth, rigid implant bridges and complete denture respectively:
 (A) 50 um; 100 um; 20 um; (B) 100 um; 20 um; 50 um;
 (C) 25 um; 40 um; 80 um; (D) 20 um; 50 um; 100 um;
186. Which ring liner material is no longer used due to carcinogenic potential?
 (A) Cellulose liner (B) Alumino-silicate ceramic liner
 (C) Nonasbestos liner (D) Asbestos liner
187. One of the major disadvantages of immediate denture treatment is:
 (A) Pain associate with treatment (B) Difficulty in managing occlusions
 (C) Need for reline (D) No control over tooth placement and shape
188. Which investment material exhibits green shrinkage?
 (A) Gypsum bonded (B) Phosphate bonded
 (C) Ethyl silicate bonded (D) All of the above
189. Maximum bite force in canine region;
 (A) 30 psi - 50 psi (B) 35 psi - 60 psi
 (C) 47 psi - 100 psi (D) 45 psi - 80 psi
190. The usual burnout temperature for phosphate bonded investments range from?
 (A) 750 - 1030° C (B) 650 - 850° C
 (C) 950 - 13000° C (D) 700 - 1200° C
191. Incidence of Osteoradionecrosis is-- _____ to edentulous patients;
 (A) More (B) less
 (C) Equal (D) Can't predict
192. Which oxide layer is responsible for bonding porcelain to Gold alloys?
 (A) Iridium oxide (B) Iron oxide
 (C) Carbon oxide (D) No oxide layer forms in gold alloys
193. Discoloration of the denture constructed from cold cure acrylic resin is due to:
 (A) Absorption of oral fluids (B) PH changes in saliva
 (C) Leaching out of tertiary amines (D) Leaching out of excess monomer
194. The potential hazard of mercury can be reduced by:
 (A) Well ventilated operatory (B) Storing waste in well-sealed containers
 (C) Increasing legal attention (D) All of the above
195. NSAID which has the advantage of lack of GI side effect:
 (A) Ibuprofen (B) Cox inhibitors
 (C) Cox - II inhibitors (D) Indo methacin
196. Sandwich technique consists of:
 (A) GIC liner and class II composite (B) Composite restoration
 (C) Amalgam alloy mixed with GIC (D) Varnish with composite
197. Pain of cracked tooth syndrome is differentiated by:
 (A) Pain on biting (B) Pain on release of bite pressure
 (C) Continuous pain (D) Decrease threshold for pain

198. The cement referred as silver alloy admix is?
- (A) Silver amalgam alloy
 - (B) Glass ionomer cement
 - (C) Silver amalgam and type I glass inomer
 - (D) Silver amalgam and type II glass inomer
199. Type I and type II zinc oxide impression paste differ with respect to:
- (A) Their use
 - (B) Their hardness after setting
 - (C) Water content
 - (D) Eugenol content
200. Impression techniques for RPD include all except:
- (A) Mclean Physiologic Impression Technique
 - (B) Fluid wax functional technique
 - (C) Selective Pressure Impression technique
 - (D) Extended Palatal technique