

WST-DCI-MDS-2019-PROSTHO-P-2-SET-1-A

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Sr. No. **60001**

WST-DCI-2019-MDS-PROSTHO-P-2-SET-1-A

Total Questions: 150

Max. Marks: 150

Time: Three Hours

Roll No. (in figures)

(in words).....

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(Signature of Candidate)

I have checked the entries made above and in the OMR Sheet by the candidate.

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(Signature of invigilator)

CANDIDATES MUST READ THE FOLLOWING INFORMATION/ INSTRUCTIONS BEFORE STARTING THE QUESTION PAPER.

1. All the candidates must return the test booklet as well as answer-sheet to the Invigilator concerned before leaving the Examination Hall. If any candidate leaves the examination hall without handing over the test booklet/ answer sheet to the Invigilator, a case of use of unfair means/ misbehavior will be registered against him/ her in addition to lodging an FIR with the Police. The answer-sheet of such a candidate will not be evaluated.
2. The candidates must not do any rough work or writing work in the answer-sheet (OMR Sheet). All rough work is to be done in the test booklet.
3. Candidates will be required to darken the circle by using **blue/ black ball point pen** only.
4. Books, papers, slide rule, log table, cellular phone, pager, calculator or any other electronic gadget etc. are not allowed in the Examination Hall.
5. BEFORE ANSWERING THE QUESTIONS, THE CANDIDATES SHOULD ENSURE THAT THEY HAVE BEEN SUPPLIED THE CORRECT AND COMPLETE TEST BOOKLET CONTAINING SR. NO.1 TO 150 QUESTIONS, COMPLAINTS REGARDING MISPRINT ETC. WILL NOT BE ENTERTAINED 15 MINUTES AFTER THE EXAMINATION IS STARTED.

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1. All of the following are the zones of histological pattern of bone given by Frost for mechanical adaptation EXCEPT?
(A) Pathologic overload zone (B) Mild overload zone
(C) Zone of adapted window (D) Acute used window
2. Placement of subperiosteal framework into pterygoid plates during implant surgery may be interfered with fibers of which muscle?
(A) Incisivus labii superioris muscle (B) Buccinator muscle
(C) Levator anguli oris (D) Orbicularis oris
3. The advantages of implant-supported removable prosthesis are all EXCEPT?
(A) Enhancement of facial esthetic
(B) Prosthesis can be removed at night to manage nocturnal function
(C) Less bone augmentation may be necessary before implant insertion
(D) Long term treatment of complications is not facilitated.
4. FP-3 in Misch's classification for treatment option for implant dentistry stands for?
(A) Fixed prosthesis; replaces only crown
(B) Fixed prosthesis replaces the crown and a portion of root
(C) Fixed prosthesis; replaces missing crowns and gingival color and portion of edentulous site
(D) Fixed prosthesis replaces missing crowns and gingival color and portion of the edentulous site with some portion of the root.
5. Early loading failures occur within how many months?
(A) 6-18 month (B) 4-6 months
(C) 3-4 months (D) 6-10 months
6. According to Misch's classification for subantral treatment option based on the amount of bone below maxillary sinus, SA-2 treatment option represents which of the following?
(A) Convenient implant placement
(B) Sinus lift and simultaneous implant placement
(C) Sinus graft with immediate or delayed endosteal implant placement
(D) Sinus graft healing and extended delay of implant insertion
7. The selection of analgesic or analgesic regimen for the management of post-surgical pain is ideally based on expected pain intensity. A three-step conceptual model for pain management has been given by WHO in which step-2 represents?
(A) Non opioid alone
(B) Non opioid + adjuvant
(C) Non opioid + adjuvant + opioid (moderate)
(D) Non opioid + adjuvant + opioid (severe)

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8. Following placement of an implant in posterior maxillary region patient develops nasal obstruction, nasal discharge and epistaxis. Which wall of maxillary sinus may be involved?
(A) Inferior wall (B) Medial wall
(C) Superior wall (D) Lateral wall
9. In mandibular overdenture treatment options, OD-2 represent?
(A) Implant in B and D position, independent of each other
(B) Implant in B and D position, rigidly joined by bar
(C) Implant in A, B, D, E position rigidly joined by a bar cantilevered distally about 10 mm
(D) Implant in A, B, D, E position rigidly joined by a bar cantilevered distally about 15 mm
10. Delayed surgical obturator can be placed after how many days after surgical intervention?
(A) 4-6 days (B) 6-10 days
(C) 14-21 days (D) 21-28 days
11. What is the optimum crown-root ratio for a tooth to be used as a fixed partial denture abutment?
(A) 1:1 (B) 1:2
(C) 2:3 (D) 3:2
12. In cases of tilted abutment where use of conventional dovetail necessitates the preparation of a very drastic box in distal aspect of the pier abutment. What should be preferred choice of connector design in such cases?
(A) Split pontic (B) Key and keyway
(C) Cross pin and wing (D) Tapered pins
13. Where is the keyway placed into a non-rigid connector which consists of key and keyway?
(A) Proximal contour of retainer (B) Distal contour of retainer
(C) Proximal contour of pontic (D) Distal contour of pontic
14. According to Siebert's classification of ridge deformities class II represent which of the following?
(A) Loss of faciolingual ridge with normal apicoal height
(B) Loss of ridge height with normal width
(C) Loss of ridge width only
(D) Loss of both ridge width and height

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15. In relationship of one wall preparation to long axis of preparation, a tapered diamond bur will impart how much inclination?
(A) 1-2 degree per wall (B) 2-3 degree per wall
(C) 3-6 degree per wall (D) 6-12 degree per wall
16. One of the most important features for providing adequate bulk of metal and strength to the restoration is occlusal clearance. Ideally how much clearance should be given for gold restoration?
(A) 1.5 mm (B) 2 mm
(C) 2.5 mm (D) 3 mm
17. Functional cusp reduction attributes to which mechanical principles of fixed partial denture preparation?
(A) Preservation of tooth structure (B) Marginal integrity
(C) Resistance and retention (D) Structural durability
18. What is the shape of the undersurface of the perel pontic?
(A) Convex faciolingually (B) Concave fcaiolingually
(C) Concavoconvex faciolingually (D) Convex mesiodistally
19. What should be the suggested gap between pontic and retainer to prevent the distortion during casting?
(A) 0.005 inch (B) 0.007 inch
(C) 0.009 inch (D) 0.11 inch
20. According to Newton's classification of denture stomatitis, what is type-II described as?
(A) Localized simple inflammation and pinpoint hyperemia
(B) An erythematous or generalized simple type seen as more diffuse erythema involving a part or the entire denture-covered mucosa
(C) A granular type (inflammatorypapillary hyperplasia) commonly involving the central part of the hard palate and the alveolar ridges
(D) A granular type (inflammatorypapillary hyperplasia) commonly involving the entre part of the hard palate and the alveolar ridges
21. Where does the posterior reference point given by Beyron lie?
(A) 13 mm from posterior margin of tragus to canthus
(B) 13 mm from lower margin of tragus to canthus
(C) 13 mm from center of tragus to canthus
(D) 13 mm from upper margin of tragus to canthus
22. What is the melting range temperature of red type of green stick compound?
(A) 50- 51.1 degree C (B) 53.3-54.4 degree C
(C) 54.4-55.6 degree C (D) 55.6-56.7 degree C

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23. What component is added to alginate to make it dustless?
(A) Polyethylene glycol (B) Polypropylene glycol
(C) Propyl alcohol (D) Both A and B
24. The subsurface porosity in casting can be reduced by which of the following method?
(A) Controlling the rate at which molten metal enters the mold
(B) Controlling the amount at which molten metal enters the mold
(C) By adjusting the dimension of sprue
(D) By adding reservoir
25. What does the Class-II maxillary defect in Aramany classification represent?
(A) Resection along midline of maxilla, teeth are maintained on one side of the arch
(B) Defect is unilateral, retaining the anterior teeth on contralateral side
(C) Defect is bilateral and lies posterior to remaining abutment teeth
(D) Lies anterior to the remaining abutment teeth due to trauma/ may be congenital defect
26. What is the characteristic of transitional immediate complete denture?
(A) Denture can be relined once healing is complete
(B) Denture can be placed into mouth after healing is complete
(C) Denture is temporary and is replaced after healing is complete
(D) Denture can be kept as long term prosthesis
27. Which is the photoinitiator in light activated resin?
(A) Hydroquinone (B) Comphorquinone
(C) Ethylene glycol dimethacrylate (D) N-N dimethyl p toluidine
28. What is Svedopter that is used while tooth preparation in mandibular teeth?
(A) High suction tip
(B) Metal saliva ejector with tongue deflector
(C) Metal saliva ejector with cheek retractor
(D) Low volume suction tip
29. What should be the angulation of dental implant to avoid shear stress?
(A) < 40 degree (B) < 35 degree
(C) < 25 degree (D) <30 degree
30. According to clinical implant mobility scale, what does scale 2 represents?
(A) Slight detectable horizontal movement
(B) Moderate visible horizontal mobility up to 0.5 mm
(C) Severe horizontal movement greater than 0.5 mm
(D) Visible moderate to severe horizontal and any visible vertical movement

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31. In preparation of three-quarter crown, which surface is left unprepared?
(A) Facial surface (B) Palatal surface
(C) Mesial surface (D) Distal surface
32. Which is the most common bleeding gingival index used for dental implant?
(A) Loe and Sillnes gingival index
(B) Sillness and Loe gingival index
(C) Gingival bleeding index
(D) Modified gingival bleeding index
33. In mandibular major connector, Kennedy bar is also referred as which of the following?
(A) Lingua bar (B) Lingual plate
(C) Double lingual bar (D) Labial bar
34. In swing lock removable partial denture. Which of the following mandibular major connector is preferred?
(A) Lingual bar (B) Lingual plate
(C) Double lingual bar (D) Labial bar
35. Which of the following is not the type of minor connector?
(A) Minor connectors that join clasp assemblies to major connector
(B) Minor connector that join indirect retainer or auxiliary rest to major connector
(C) Minor connector that join denture bases to major connector
(D) Minor connector that serves as approach arms for roach clasp
36. Where should the base of triangle of the outline of occlusal rest be located at?
(A) Towards marginal ridge
(B) Towards centre of occlusal surface
(C) Towards mesiobuccal triangular ridge
(D) Towards distobuccal triangular ridge
37. Which clasp is used to engage mesiolingual undercut in case of tipped molar?
(A) Reverse circlet clasp (B) Multiple clasp
(C) Ring clasp (D) Wrought wire clasp
38. Ideally how much retentive undercut should be present if wrought wire clasp is planned?
(A) 0.05 inch (B) 0.015 inch
(C) 0.020 inch (D) 0.025 inch

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39. For immediately loaded implants the prosthetic design should consider all of the following EXCEPT:
(A) Eliminate any cantilever
(B) Night guard for parafunctional forces
(C) Loading only along the long axis of the implant
(D) Wider occlusal table
40. The reasons for using temporary cement before permanent cement for definite crown and bridge prostheses on implants include all of the following EXCEPT:
(A) For any pain and discomfort after prosthesis insertion visit
(B) To choose the proper permanent type of cement in the future
(C) To avoid stresses on implant in the early stage
(D) For aesthetic purpose (patient desire to change the color and tooth shape)
41. For a posterior cantilevered prosthesis in implant supported overdenture , the antero-posterior implant distance is measured from:
(A) the distal surface of the most distal implant to the centre of the anterior implant
(B) the mesial surface of the most distal implant to the centre of the anterior implant
(C) the distal surface of the most distal implant to the distal of the anterior implant
(D) the centre of the most distal implant to the centre of the anterior implant
42. Regarding an upper removable complete denture that opposes an implant supported prosthesis, all of the following should be considered EXCEPT:
(A) Compensating curve in the posterior teeth
(B) In excursive movements, anterior and posterior teeth should be in contact
(C) During protrusive movement posterior teeth should be separated and only anterior teeth come in contact
(D) Palatal cusp contacts the central fossa of lower teeth
43. Long chamfer finish line is usually given for
(A) Partial veneer crown (B) Full veneer crown
(C) Laminates (D) Maryland bridge
44. Which of the following is a function of indirect retainer?
(A) Prevent movement of denture base away from basal seat when imaginary fulcrum line established by occlusal rests
(B) Prevent movement of denture base away from basal seat when imaginary fulcrum line passes through last distal abutment
(C) Prevent movement of denture base away from basal seat by rotation around vertical axis
(D) Prevent movement of denture base away from basal seat around horizontal axis
45. Reciprocal arm must be tapered in
(A) 3 dimensions (B) 2 dimensions
(C) 1 dimension (D) All its dimensions

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46. A complete denture wearer reports discomfort with his dentures. On examination it is observed that the posterior teeth are set edge to edge, without horizontal overjet. The possible reason for his discomfort can be
(A) Gagging (B) Cheek biting
(C) Speech aberrations (D) Lip biting
47. Following are true for twin table technique used for occlusal rehabilitation except:
(A) Is used for developing molar disclusion
(B) Has two incisal tables
(C) Has two condylar tables
(D) Determines the cusp shape and angle of hinge rotation
48. Axis of rotation in a partial veneer crown is located at:
(A) Buccogingival margin (B) Bucco-occlusal margin
(C) Linguogingival margin (D) Linguo-occlusal margin
49. Conformative occlusion refers to:
(A) Occlusion of restoration at centric relation
(B) Occlusion of restoration at intercuspal position
(C) Occlusion at centric slide
(D) All of the above
50. When using arbitrary hinge axis, a 3mm thick centric relation record can create an occlusal discrepancy of _____ in molar region:
(A) 1mm (B) 2mm
(C) 0.2mm (D) 0.02mm
51. A short radius curve of spee will produce
(A) Long cusps for molars and short cusps for premolars
(B) Long cusps for molars and long cusps for premolars
(C) Short cusps for molars and short cusps for premolars
(D) Short cusps for molars and long cusps for premolars
52. Manifestations of loss of support for distal extension denture base include all of following EXCEPT:
(A) Loss of occlusion
(B) Lifting of the denture
(C) Lifting of indirect retainer from seats
(D) Rotation of prosthesis around fulcrum line
53. Immediate side shift influences
(A) Inclination of grooves of posterior teeth
(B) Inclination of cusps of posterior teeth
(C) Both A and B
(D) Width of central groove of posterior teeth
54. Mandibular guide flange therapy should be started :
(A) Immediately after surgery
(B) 2 weeks after surgery, once post surgical sequelae have stopped
(C) If radiotherapy is advised, then 6-8 weeks after surgery
(D) After complete healing takes place, i.e., after 8-12 weeks

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55. Escape of air below the obturator can be assessed using _____ sound.
(A) M (B) S
(C) F (D) B
56. What are the advantages of the altered cast technique?
(A) more accurate border development
(B) accurate anatomical impression of ridge area
(C) allows development of a functional type of impression
(D) allows a selective tissue placement of impression for more ideal distribution of the load on the distal extension ridge area
57. What major connector would be indicated in the maxillary arch with the severe vertical ridge resorption, six remaining anterior teeth with Class I mobility, and end-to-end occlusion?
(A) palatal strap
(B) anterior-posterior palatal bars
(C) U-shaped connector
(D) full palatal coverage with lingual plate
58. At the 24 hour recall adjustment appointment, your patient complains of a sore throat, particularly when swallowing. Use of disclosing wax indicates that the mandibular lingual denture flange extends too far distally. What muscle contracts during swallowing, forcing the mucous membrane of the throat against the overextended area?
(A) Superior constrictor of pharynx (B) Tensor velli palatine
(C) Platoglossus (D) Platopharyngeous
59. A patient reported with difficulty in chewing and unaesthetic appearance. Dentist noted generalized wear of all the teeth with a requirement of full mouth rehabilitation. To reestablish the lost vertical dimension what type of splint is recommended.
(A) Centric stabilizing splint (B) Anterior repositioning splint
(C) Anterior bite plane (D) Posterior bite plane
60. Hobo and Takayama in their philosophy for full mouth rehabilitation recommended what type of occlusion scheme for better distribution of occlusal forces.
(A) Bilateral balance occlusion (B) Bilateral group function
(C) Unilateral group function (D) Canine guided
61. According to Pankey-Mann- Schuyler philosophy what type of articulator is good enough for full mouth rehabilitation?
(A) Fully adjustable articulator (B) Semi adjustable articulator
(C) Mean value articulator (D) Articulator designed by them
62. While preparing a RCT treated second molar for full crown, The primary function of a provisional restoration is;
(A) To maintain the esthetics (B) To help in mastication
(C) To stabilized the occlusion (D) To avoid the food impaction

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63. Which chemical is commonly used for gingival displacement in fixed prosthodontics?
(A) Aluminum chloride (B) Aluminium *sulphate*
(C) Epinephrine (D) Zinc chloride
64. The coefficient of thermal expansion of alloy use for the fabrication of porcelain fused to metal crown must be:
(A) Same as porcelain (B) Higher than porcelain
(C) Lower than Porcelain (D) It is irrespective of porcelain
65. Polished zirconia crown is preferred over glazed zirconia crown as it
(A) Looks more esthetic
(B) Lead to less wear of opposing enamel
(C) Lead to more wear of opposing enamel
(D) Wear of itself instead of opposing enamel
66. Polyvinyl siloxane impression material is available in different consistencies. Which consistency is dimensionally more stable?
(A) Putty (B) Heavy body
(C) Medium body (D) Light body
67. Sound casting result with:
(A) Sprue attached at approximately at 90° to wax pattern
(B) Sprue attached at approximately at 135° to wax pattern
(C) Sprue attached at approximately at 45° to wax pattern
(D) Sprue attached at approximately at 35° to wax pattern
68. To fabricate a retentive full metal crown the height of prepared abutment must be:
(A) One third of the occlusio-cervical length of the full metal crown
(B) Two third of the occlusio-cervical length of full metal crown
(C) Half of the occlusio-cervical length of full metal crown
(D) One fourth of the occlusio-cervical length of full metal crown
69. Envelop of function is determined by:
(A) Border movement of mandible in frontal plane
(B) Movement of incisal edge of lower anterior over the palatal surface of maxillary anterior
(C) Functional movement of mandible in frontal plane
(D) Movement of mandible during function
70. Internal occlusal rest seat is indicated to use in:
(A) Kennedy class I (B) Kennedy class II
(C) Kennedy class III (D) Kennedy class II with modification I
71. Internal occlusal rest seat provides;
(A) Occlusal support and Retention only
(B) Occlusal support and horizontal stabilization only
(C) Occlusal support ,retention and horizontal stablization only
(D) Retention &horizontal stabilization only.

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72. The reciprocal arm of a direct retainer assembly in a cast partial denture must taper:
(A) Lengthwise only
(B) Both Lengthwise and widthwise
(C) Widthwise only
(D) Lengthwise, widthwise and in thickness
73. An 85 years old patient reported for complete denture fabrication, he has badly resorbed mandibular residual ridge, what type of occlusal scheme will be most suitable in this case:
(A) Canine guided with semianatomic teeth
(B) Anterior group function with semianatomic teeth
(C) Lingualized occlusal scheme with semianatomic teeth
(D) Bilateral group function with monoplane teeth
74. A long term denture wearer reported in a dental clinic for fabrication of new CD. Dentist noticed he has habitual centric occlusion. So in this case a new complete denture must be fabricated with:
(A) Coinciding centric relation and centric occlusion
(B) Some discrepancy will remains between centric relation and centric occlusion
(C) Freedom in centric occlusion
(D) Long centric in centric occlusion
75. A complete denture (CD) wearer reported with a numbness in lateral part of lower lip and pain/ burning sensation in anterior region of maxillary residual ridge. Dentist noticed both the ridges are badly resorbed with mental foramen and incisive canal near the crest of ridge. So what is first line of treatment in such cases?
(A) Fabrication of a new set of U/L complete denture
(B) Relief both the dentures in relation to anatomic landmarks
(C) Surgically repositioning of anatomical landmarks and fabrication of a new set of U/L CD
(D) Educate the patient, that problem is with your residual ridges nothing can be done with your dentures
76. A complete denture (CD) wearer at 24 hour post insertion appointment reported with complaint of sore throat, this can be due to:
(A) Over extended maxillary denture in posterior palatal seal area
(B) Over extended lingual flange of Mandibular denture in disto-lingual area
(C) Overextended sublingual crescent area in mandibular denture
(D) Throat infection due to new set of complete denture
77. A completely edentulous patient is suffering with submucos fibrosis. Which Impression material will be most suitable for the final impressions in this case?
(A) Zinc oxide eugenol
(B) Addition silicon
(C) Condensation silicon
(D) Alginate
78. Creep rate decreases with:
(A) Decrease in condensation
(B) Delay between trituration and condensation
(C) Under trituration or over trituration of amalgam
(D) Increase in condensation

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79. A complete denture wearer has a complain of defective speech, it could not be due to:
(A) Decrease free way space (B) Deficient palatal contour
(C) Incorrect arch form (D) Overextended posterior palatal seal
80. Primary stress bearing areas in mandible is:
(A) Crest of residual ridge
(B) Buccal shelf area
(C) Buccal cortical plate in anterior part of residual ridge
(D) Both buccal shelf and sublingual crescent area
81. Thickness of a spacer depends upon:
(A) Type of wax used for pattern fabrication
(B) Thickness of luting cement
(C) Type of restoration
(D) Type of luting cement and casting shrinkage
82. Facebow transfer is required for :
(A) Single unit
(B) Multiple unit bridge
(C) 3 unit bridge
(D) Partial denture for anterior teeth replacement
83. Spoon shaped occlusal rest :
(A) Provides adequate strength of metal at ridge
(B) Provides vertical stop
(C) Slopes towards central fossa
(D) Direct force along long axis of tooth
84. To avoid fatigue to eyes shade matching should be done withinseconds
(A) 5 (B) 10
(C) 15 (D) 20
85. Denture cleaning powders contain mainly :
(A) Sodium perborate (B) Detergents
(C) Hydrogen Peroxide (D) Alkali
86. Which ceramic is based on lithium di silicate :
(A) Captek (B) IPS Empress
(C) IPS Empress 2 (D) Inceram
87. Shrink free ceramic is :
(A) Dicor (B) Dicor MGC
(C) Cerestore (D) Emax

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88. Kennedy bar connector is :
(A) Lingual bar (B) Lingual plate
(C) Double Lingual bar (D) Labial bar
89. Metal oxides are used in ceramics to :
(A) Improve strength (B) Improve bonding
(C) Impart colour (D) All of the above
90. Class IV A Articulators have :
(A) Stereographic recordings (B) Pantographic recordings
(C) Pantronic tracings (D) Chew in registrations
91. Occlusal Plane is parallel to ----- in complete denture fabrication to :
(A) Camper plane
(B) F H plane
(C) Camper plane and inter pupillary line
(D) Inter pupillary line and F H plane
92. Best pontic design for replacing canine :
(A) Sanitary (B) Ovoid
(C) Modified Ridge lap (D) Ridge lap
93. Alginate Impression must be poured at least :
(A) Immediately (B) Within 1 hr
(C) Within 24 hrs (D) Preserved indefinitely
94. In alginate impression material Zn Oxide is :
(A) Filler (B) Reactor
(C) Retarder (D) Accelerator
95. According to ANSI /ADA specification which wax is used for indirect technique :
(A) Type 1 (B) Type 2
(C) Type 3 (D) Type 1 and 3
96. Which type of bone has minimum healing time :
(A) D1 (B) D2
(C) D3 (D) D4
97. Least mucostatic impression material among following :
(A) Agar (B) Alginate
(C) Impression plaster (D) ZnOE
98. What acts as refractory skeleton in dental porcelain :
(A) Borax (B) Quartz
(C) Graphite (D) Zinc

99. The horizontal magnification of OPG is :
(A) 10% (B) 20%
(C) 30% (D) 5%
100. Dense cortical bone is :
(A) D1 (B) D2
(C) D3 (D) D4
101. Which of following produces woven bone:
(A) Pathologic overload window (B) Mild overload window
(C) Adapted window (D) Acute disuse window
102. All of the following are true regarding internal rests EXCEPT :
(A) Provide horizontal stabilization (B) Provide vertical overlap
(C) Act as occlusal rests (D) Provide retention
103. Long span flexible denture disadvantage is :
(A) Excessive forces on residual ridge
(B) Decreased stability
(C) Cannot be relined
(D) Excessive forces on residual ridge and periodontal ligament of abutment tooth
104. Which of the following do not engage undercuts close to edentulous area :
(A) Bar clasp (B) Embrasure clasp
(C) Reverse circlet clasp (D) Combination clasp
105. Ideal vertical overlap for FP-1 prosthesis in anterior region is :
(A) 2-4 mm (B) 6-8 mm
(C) 14-18 mm (D) 10-12 mm
106. Force on Cantilever implant is along which axis:
(A) Facio lingual axis (B) Vertical axis
(C) Mesio distal axis (D) Vertical and Facio lingual axis
107. The posterior sections of mandible and maxilla differs from each other in which type of completely edentulous arch:
(A) Type 1 (B) Type 2
(C) Type 3 (D) Type 4
108. All of the following are elevator muscles except:
(A) Masseter (deep fibers) (B) Inferior belly of lateral pterygoid
(C) Internal pterygoid (D) Temporalis

109. Long centric varies frommm :
(A) 0.2-0.5 (B) 0.5-1.5
(C) 1-2 (D) 1-1.5
110. ----- Gives proprioceptive feedback regarding position and movement of TMJ:
(A) Capsular ligament (B) Sphenomandibular ligament
(C) Stylomandibular ligament (D) Collateral ligament
111. True hinge axis is important in :
(A) CD (B) FPD
(C) RPD (D) Change in vertical dimension
112. Bite registration material used in clinical remounting :
(A) ZnOE (B) Putty
(C) Tissue conditioner (D) Compound
113. Thiokol is:
(A) Polyether (B) Polysulphides
(C) Silicone (D) Agar
114. Centric Relation coincides with:
(A) Centric occlusion (B) Maximum intercuspation
(C) None of A and B (D) Both of A and B
115. Which type of bone has RP 4 and RP 5 overdenture as prosthetic option :
(A) Div. A (B) Div. B
(C) Div. C (D) Div. D
116. Space of donders is :
(A) Space between tongue and palate
(B) Space between occlusal surface of teeth when mandible is at rest
(C) Silvermans space
(D) Freemans space
117. Bilabial sounds include :
(A) Th (B) M
(C) S (D) F
118. Lines of Luder are :
(A) Material fatigue
(B) Stress lines on alloy restorations
(C) Cervical abfraction
(D) Abnormal lines on enamel
119. The measured amplitude of mandibular flexure in region of Ramus is :
(A) 0.5mm (B) 1.5mm
(C) 2mm (D) 2.5mm

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120. Thread depth in implant is :
(A) Distance between adjacent thread forms
(B) Distance between major and minor diameter of thread
(C) Shape of thread
(D) None
121. The phenomenon of Bone loss occurring around a one- piece blade implant after implant loading is termed as:
(A) Crestal Bone loss (B) Saucerization
(C) Marginal bone loss (D) Peri-implantitis
122. A Laney-Poitras surgical template is used in case of :
(A) Single tooth
(B) Multiple teeth
(C) Edentulous mandible
(D) Edentulous maxillary arch opposing natural teeth
123. Zone of Safety is a method used to assess placement of implants in :
(A) Mandibular Anterior Region (B) Maxillary Anterior region
(C) Maxillary posterior region (D) Mandibular posterior region
124. Periotest is used to evaluate:
(A) Occlusion (B) Bone density
(C) Implant rigid fixation (D) Implant angulation
125. The principles of removal partial denture design were first expounded by:
(A) Kennedy (B) Devan
(C) A.H Schmidt (D) Ney
126. The desirable undercut for cast-chrome alloy clasp is:
(A) 0.040 inch (B) 0.035 inch
(C) 0.020inch (D) 0.010 inch
127. Dimpling is done to create:
(A) Rest seat (B) Pit
(C) Under cut (D) Hole
128. Jewelers rouge dissolved in chloroform can be used as an :
(A) Disclosing agent (B) Pressure indicating paste
(C) Surgical paste (D) Impression paste
129. In gypsum products maximum hygroscopic expansion should not be more than :
(in percentage)
(A) 0.45 (B) 0.50
(C) 0.18 (D) 0.30

130. All of the following are benefits of fillers in composites, except:
(A) Reduction in thermal temperature
(B) Increased in radiopacity
(C) Increased diagnostic sensitivity
(D) Increased interpenetration in dentinal tubules
131. The allowable range of film thickness of dental cements is: (in μm)
(A) 30 – 140 (B) 25 – 150
(C) 35 – 160 (D) 20 – 140
132. All the following statements regarding Immediate Surgical Obturators (ISO) are true , EXCEPT :
(A) ISO may be extended into the defect with a temporary denture reliner not as soon as the surgical packing is removed, but after atleast 72 hours has elapsed, in order to enhance adequate healing.
(B) The prosthesis permits deglutition and speech.
(C) The prosthesis provides a matrix on which the surgical packing can be placed.
(D) Posterior occlusion should not be established on the defect side until the surgical wound is well established.
133. All of the following are the rules for determining Vertical Dimension of Occlusion (VDO) , EXCEPT:
(A) Maximal intercuspation of the posterior teeth determines the existing VDO
(B) Changes in the true VDO are not permanent
(C) If the VDO must be changed , it should be determined at the point of posterior teeth contact
(D) Maximal intercuspation of posterior teeth determines the existing VDO
134. The Maxillary labial frenum has attachment from:
(A) 2 muscles (B) 3 muscles
(C) 1muscle (D) No muscle
135. The fibers of the orbicularis pass horizontally through the lips and anastomose with fibers of:
(A) Masseter (B) Caninus
(C) Levator anguli oris (D) Buccinator muscle
136. The Specialized mucosa covers the :
(A) Residual ridge (B) Lips
(C) Cheeks (D) Tongue
137. The atmospheric pressure amounts to:
(A) 14.7lb/in² (B) 15lb/in²
(C) 16.3lb/in² (D) 17.2lb/in²

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138. Retromolar pad contains:
(A) Glandular tissue (B) Fibres of temporalis tendon
(C) Fibres of buccinators muscle (D) All of the above
139. The Retromylohyoid curtain is the posterior boundary of:
(A) Retromolar pad (B) Soft palate
(C) Retromylohyoid fossa (D) Buccal shelf area
140. Class III soft palate are usually seen in conjunction with :
(A) U Shaped palatal vault (B) Flat palate
(C) High V shaped palatal vault (D) V shaped palatal vault
141. The Bennet Angle (L) is equal to:
(A) $H/8 + 12$ (B) $H/6 + 7$
(C) $H/8 + 10$ (D) $H/8 + 11$
142. The credit for designing 1st anatomic porcelain tooth was given to:
(A) Alfred Gysi (B) Pilkington
(C) Victor Sears (D) Avery Brothers
143. Most recent advances for disinfection of impressions and casts by ADA & council of dental therapeutics in 1988 calls for immersion of polysulphide, condensation, PVC, Polyether and agar hydrocolloid in :
(A) ADA accepted disinfecting solution for 30 mins
(B) ADA accepted disinfecting solution for one hour
(C) WHO accepted 2% glutaraldehyde
(D) Phenol-alcohol combinations
144. Relief should be applied to preparation area of die to provide space for cement; Ideal relief provided is :
(A) 10-20 μ (B) 20-30 μ
(C) 20-40 μ (D) 10-40 μ
145. Having 1 millimeter of vertical tooth wall/support between margin of core and shoulder is known as:
(A) Ferrule effect (B) Fritting effect
(C) Crippling effect (D) Ante's Law
146. Tripod marks are placed on the cast after surveying for which of the following reasons:
(A) To record the undercut areas on the abutment teeth
(B) To mount the cast on the articulator
(C) To record the orientation of the cast to the articulator
(D) To record the orientation of the cast to the surveyor

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147. The advantage of metal base denture is :
- (A) Increase in tissue tolerance
 - (B) Easy laboratory procedure
 - (C) Rebasings and relining are quite easy
 - (D) Increase in restorative cost
148. Hanau Model H has intercondylar elements distance :
- (A) 100mm
 - (B) 110mm
 - (C) 105mm
 - (D) 120mm
149. The position of artificial maxillary teeth is determined by position of maxillae when patient says words beginning with :
- (A) S ,V
 - (B) F , V
 - (C) S, F
 - (D) S,V,F
150. If teeth in opposing arch have occlusal surfaces restored with porcelain , the artificial teeth of choice in opposing arch preferably should be :
- (A) Acrylic resin
 - (B) Porcelain
 - (C) Gold
 - (D) Gold or acrylic resin