



قائمة الاسئلة 2025-05-09 05:28

تيجان وجسور 1 الاستعاضة السنية الثابتة-الثالث-طب وجراحة-كلية طب الاسنان-درجة الامتحان (45)

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- 1) The part of the axial contour that extends from the base of the gingival sulcus past the free margin of the gingiva:
 - 1) - Gingival Sulcus.
 - 2) - Axial Contour
 - 3) + Emergence Profile
 - 4) - No one.
- 2) About the bite registration all of the following are true EXCEPT:
 - 1) - In case of unilateral FPD involving the terminal tooth prepared, the dentist must make an interocclusal record to create a perfect restoration.
 - 2) - It is the registration of the positional relationship of the opposing teeth or arches.
 - 3) - No bite registration is indicated for single restoration, in a patient with stable occlusal relationship.
 - 4) + It is indicated if the fixed restoration will be customized to the patient's pretreatment occlusion.
- 3) The most accurate impression technique is:
 - 1) - Single (monophase) impression (one step)
 - 2) - Double mix technique (one step)
 - 3) - Double mix technique (two steps) putty wash
 - 4) + Virtual impression
- 4) The cusp-marginal ridge occlusion (tooth-to-two-teeth) of the meso buccal cusp of the mandibular 1st molar is occluded on the:
 - 1) - Distal marginal ridge of the maxillary 1st molar and mesial of 2nd molar.
 - 2) + Mesial marginal ridge of the maxillary 1st molar and distal of 2nd premolar.
 - 3) - Mesial fossa of the maxillary 2nd molar.
 - 4) - Distal fossa of the maxillary 1st molar.
- 5) Impression technique needs several and complicated steps is:
 - 1) - Single (monophase) impression (one step)
 - 2) - Double mix technique (one step)
 - 3) - Double mix technique (two steps) putty wash
 - 4) + Virtual impression
- 6) A liner: (all correct EXCEPT one)
 - 1) - It allows for more investment expansion.
 - 2) + It must be 1 mm short from the edge of the ring on both sides.
 - 3) - Asbestos is the worst liner material.
 - 4) - Cellulose paper liners or refractory ceramic fiber liners are used as liners nowadays.
- 7) Nodules in casting can result from:(all correct EXCEPT)
 - 1) - Air trapped during investing procedure
 - 2) - Inadequate vacuum during investing
 - 3) - Excessive/ prolonged vibration after pouring.
 - 4) + Vacuum mixing and proper brush technique
- 8) Which of the following about the impression materials and techniques are true?
 - 1) - The setting reaction of condensation Silicon is condensation polymerization reaction with water as by product.
 - 2) - Alginate can be used for making primary and secondary impression.
 - 3) - Sulphur in latex gloves inhibits the setting reaction of condensation Silicon if mixing is done with gloved hands.
 - 4) + The setting reaction of Addition Silicon inhibited if mixing is done with gloved hands.



- 9) Rough casting results from
- 1) - Excess surfactant
 - 2) - Improper water-to-powder ratio
 - 3) - Excessive burnout temperature
 - 4) ☒ All are true.
- 10) After preparation of the teeth if the bleeding does not stop and we want taking impression the impression materials of chose is:
- 1) - Condensation Silicon
 - 2) ☒ Addition Silicon
 - 3) - Alginate
 - 4) - No one.
- 11) The cusp-marginal ridge occlusion of the mandibular second premolar is occluded on the:
- 1) - Mesial marginal ridge of the maxillary canine.
 - 2) - Mesial marginal ridge of the maxillary 1st molar.
 - 3) ☒ Mesial marginal ridge of the maxillary 2nd premolar.
 - 4) - Distal fossa of the maxillary 2nd premolar.
- 12) In case of patients with severe caries activity, they should cement their fixed restoration by:
- 1) ☒ glass ionomer
 - 2) - polycarboxylate
 - 3) - Zinc phosphate cement
 - 4) - Zno/E
- 13) All excess stone is removed with an acrylic bur, except the critical few millimeters immediately adjacent and cervical to the margin. This process is called:
- 1) - Die
 - 2) ☒ Ditching
 - 3) - Waxing.
 - 4) - Casting
- 14) The pouring of condensation Silicon should be after:
- 1) - One week
 - 2) - One day
 - 3) - One minute
 - 4) ☒ One hour
- 15) The ideal cement should have good adhesion to:
- 1) - To the abutment
 - 2) - To the restorative material
 - 3) - No one
 - 4) ☒ All are true.
- 16) Adhesion means:
- 1) - Mechanical interlocking only
 - 2) - True chemical adhesion
 - 3) ☒ Mechanical interlocking and chemical adhesion
 - 4) - No one.
- 17) About the Provisional restorations all of the following are true EXCEPT:
- 1) - A provisional fixed restoration must fulfil the requirements of permanent restoration but for a limited period of time.
 - 2) - Well-fabricated provisional restorations can simplify the subsequent clinical steps.
 - 3) - The perfect the clinical steps, the easier it will be for the technician to create perfect restoration.
 - 4) ☒ Polycarbonate crowns are long-term provisional restorations that maintain the integrity of deciduous teeth till the eruption of the permanent teeth.



- 18) Alginate impression can be used for making:
- 1) - primary and secondary impression
 - 2) ☒ primary impression
 - 3) - secondary impression
 - 4) - final impression
- 19) The ideal film thickness of cement is:
- 1) - 30-40
 - 2) ☒ 20-40
 - 3) - 30-50
 - 4) - 50-60
- 20) Causes Lack of parallelism of abutment teeth:
- 1) - Absence of temporary restoration
 - 2) - No common bath of the insertion
 - 3) - Increase Occlusal reduction
 - 4) ☒ Absence of temporary restoration & no common bath of the insertion.
- 21) During try.in procedure; resistance to complete seating may be due to:
- 1) - Excessive proximal contact
 - 2) - Presence of nodules on the fitting surface
 - 3) - Over extended gingival margin
 - 4) ☒ All are true.
- 22) Tissue dilation is the temporary pushing of gingival tissues from tooth surface; It must create proper space vertically.
- 1) ☒ True; false.
 - 2) - False; true.
 - 3) - Both true.
 - 4) - Both false
- 23) Over extended gingival margin occurs due to errors in:
- 1) - Ditching
 - 2) - Wax pattern carving
 - 3) - Improper expansion of the investment
 - 4) ☒ Ditching & Wax pattern carving
- 24) Which of the following statements is False?
- 1) - Investing is made to surround the wax pattern with a material that can accurately duplicate its shape and anatomic features.
 - 2) - Phosphate-bonded investment materials are indicated for porcelain fused to metal restorations as well as all ceramics due to their high chemical stability.
 - 3) ☒ Investment material must be strong enough, non-porous and chemically stable at high temperatures to improve quality of restoration.
 - 4) - Gypsum-bonded investment is used for conventional type II, III and IV gold alloys as they are unstable at the high temperatures, over 650 °C.
- 25) Causes of tight casts:
- 1) ☒ Delayed pouring of impression
 - 2) - Ditching
 - 3) - Wax pattern carving
 - 4) - No one.
- 26) Application of die spacer should be away from the margin by
- 1) ☒ 0.5-1mm
 - 2) - 1-1.5 mm
 - 3) - 1-2mm



- 4) - No one
- 27) All the following cement can be used for final cementation EXCEPT:
- 1) - Glass ionomer
 - 2) - polycarboxylate
 - 3) - Zinc phosphate cement
 - 4) ☒ ZOE
- 28) All the following cements are soluble EXCEPT:
- 1) - Glass ionomer
 - 2) - Polycarboxylate
 - 3) - Zinc phosphate cement
 - 4) ☒ Resin Cement
- 29) Elastomers are:
- 1) - Alginate.
 - 2) - Agar.
 - 3) ☒ Polyether.
 - 4) - Impression compound
- 30) ----- becomes well defined and the choice of all porcelain crown
- 1) - Feather edge margin.
 - 2) - Shoulder with bevel margin.
 - 3) - Chamfer margin.
 - 4) ☒ Radial shoulder margin.
- 31) Abutment is a part of bridge which:
- 1) - Connect the pontic to the retainer.
 - 2) - Replace the lost natural tooth
 - 3) ☒ Support the bridge on which the retainer is cemented.
 - 4) - Pier.
- 32) This type of restoration has more retention and resistance than the others:
- 1) - Intracoronal restoration.
 - 2) ☒ Complete crown restoration.
 - 3) - Partial veneer crown restoration.
 - 4) - No one.
- 33) The space that resulted between the occlusal surface of the prepared teeth and the opposing teeth
- 1) - Span.
 - 2) ☒ Occlusal clearance.
 - 3) - Clearance of preparation.
 - 4) - Path of insertion.
- 34) Torpedo shaped diamond bur.
- 1) - Preparation the occlusal surface of posterior teeth.
 - 2) ☒ Preparation the chamfer finishing margins.
 - 3) - Finishing and smoothing the chamfer finishing line
 - 4) - Finishing and smoothing the shoulder finishing line
- 35) Fins/wings may result from: all correct except one
- 1) - Wax pattern too near edge of investment
 - 2) - Liner flush with the end of the ring
 - 3) ☒ Too-slow heating
 - 4) - Excessive casting force
- 36) Black triangle may result from:
- 1) - Careless dental work.
 - 2) - Improperly fabricated restoration



- 3) - Periodontal disease.
4) ☒ All are true.
- 37) Choose the correct order for steps of tooth preparation of full – ceramic crown
- 1) - Incisal reduction; Labial reduction; Lingual and proximal reduction; Finishing and smoothing; Guidance grooves.
2) - Guidance grooves; Labial reduction; Incisal reduction; Lingual and proximal reduction; Finishing and smoothing.
3) ☒ Guidance grooves; Incisal reduction; Labial reduction; Lingual and proximal reduction; Finishing and smoothing.
4) - No one
- 38) Sulphur in latex gloves inhibits the setting reaction of:
- 1) - Condensation silicone.
2) ☒ Addition silicone
3) - Polyether.
4) - No one
- 39) Palladium is added to addition silicone to?
- 1) - Help as surfactant.
2) - Acts as plasticizer
3) ☒ Act as scavenger (absorbs hydrogen to avoid voids in the poured cast).
4) - Acts as catalyst
- 40) Except one of the following the porcelain fused to metal restoration has more advantages comparing with the other restorations.
- 1) ☒ Excellent esthetics.
2) - Better strength compared to all porcelain.
3) - Resists wear extremely well.
4) - It can be used in anterior and posterior teeth.
- 41) The axial walls of the prepared tooth must be parallel or slightly tapered to:
- 1) - Improve retention and esthetic.
2) - Improve esthetic and path of insertion.
3) ☒ Improve retention and path of insertion.
4) - All are true
- 42) Dental caries and cervical erosion is indicated to this finishing margin::
- 1) ☒ Subgingival.
2) - Supragingival.
3) - With gingiva.
4) - All are true.
- 43) Preservation of the periodontium one of the principles of tooth preparation, to carry out this principle (all are true EXCEPT):
- 1) - Subgingival margins should be avoided as possible
2) ☒ Finish lines should be placed in dentine or cementum when it is possible.
3) - The finish lines should be placed supragingival whenever possible
4) - Extended to well-defined finishing line exactly without open, short, or over extend margins
- 44) How much is needed for a full metal restoration?
- 1) - 0.5 – 1 mm
2) ☒ 1 – 1.5 mm
3) - 1.2 – 2 mm
4) - 2 – 2.5 mm
- 45) ----- the margin of restoration being more susceptible to distortion by occlusal forces
- 1) - Chisel margin.



- 2) ☒ Feather edge margin
3) ☐ Chamfer margin
4) ☐ Shoulder with bevel
- 46) Laminate veneer is intra-coronal restoration that covers the labial surfaces of the anterior teeth for esthetic purpose.
1) ☐ TRUE.
2) ☒ FALSE.
- 47) Thick film thickness ensures complete seating of restoration and allow less voids
1) ☐ TRUE.
2) ☒ FALSE.
- 48) Liquid of Zinc phosphate cement is polyacrylic acid
1) ☐ TRUE.
2) ☒ FALSE.
- 49) polycarboxylate cement can be use for cementation of long span bridge
1) ☐ TRUE.
2) ☒ FALSE.
- 50) Stability is checked by tenso-frictional grip
1) ☐ TRUE.
2) ☒ FALSE.
- 51) CAD/CAM fabricated Provisionals are excellent alternative to conventional restorations.
1) ☒ TRUE.
2) ☐ FALSE.
- 52) Direct provisional restorations are the best for long-span FDPs.
1) ☐ TRUE.
2) ☒ FALSE.
- 53) Stainless steel shells are used primarily for extensively damaged temporary teeth.
1) ☒ TRUE.
2) ☐ FALSE.
- 54) Prefabricated interim restorations always need modifications to fit the clinical condition.
1) ☒ TRUE.
2) ☐ FALSE.
- 55) Centric relation is the relationship of the mandible to the maxilla when the properly aligned condyle-disk assemblies are in the most superior position against the glenoid fossa irrespective of vertical dimension or tooth position.
1) ☒ TRUE.
2) ☐ FALSE.
- 56) Simple hinge articulators are considered an important factor for getting restorations that require multiple adjustments.
1) ☒ TRUE.
2) ☐ FALSE.
- 57) Sufficient teeth for hand articulation and mounting.
1) ☐ TRUE.
2) ☒ FALSE.
- 58) Internal porosity can be prevented by using long or thin sprue former.
1) ☐ TRUE.
2) ☒ FALSE.
- 59) Sprue former is a small-diameter pin or tube made of wax, plastic, or metal while sprue is a channel within the hardened investment through which molten metal flows into a mold cavity.
1) ☒ TRUE.



- 2) - FALSE.
- 60) Investment material and casting technique are not affected by the type of casting alloy.
- 1) - TRUE.
- 2) + FALSE.