





**(DO NOT WRITE HERE)**

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**SPACE FOR ROUGH WORK**



1. The tensile strength of dental amalgam is
  - A) 27 – 55 MPa
  - B) 60 – 100 MPa
  - C) 120 – 140 MPa
  - D) 18 – 20 MPa
2. Which of the following factor DOES NOT contribute for maintaining occlusal stability ?
  - A) Embrasures
  - B) Tooth structure
  - C) Loss of teeth
  - D) Periodontal disease
3. Mandibular 2<sup>nd</sup> premolar of three cusp type is derived from
  - A) two lobes
  - B) three lobes
  - C) four lobes
  - D) five lobes
4. First evidence of calcification in Permanent Maxillary Lateral incisor is
  - A) At birth
  - B) 3 – 4 months
  - C) 8 months
  - D) 12 months
5. The premature loss of Reduced Enamel Epithelium (REE) permits connective tissue to come in direct contact with enamel thus depositing a thin layer of cementum on the cervical enamel. This cementum is of which type ?
  - A) Cellular mixed fiber cementum
  - B) Cellular mixed stratified cementum
  - C) Acellular extrinsic fiber cementum
  - D) Acellular afibrillar cementum
6. Keratinising metaplasia of salivary glands results due to deficiency of
  - A) Vitamin A
  - B) Thiamine
  - C) Riboflavin
  - D) Vitamin E
7. Brown tumor of hyperparathyroidism is histologically identical to ....
  - A) Pyogenic granuloma
  - B) Periapical granuloma
  - C) Fibrous dysplasia
  - D) Central giant cell granuloma
8. The most common site for oral soft tissue metastasis is
  - A) Buccal mucosa
  - B) Gingiva
  - C) Floor of the mouth
  - D) Tongue





16. Most important advantage of using overdenture is
- A) Provide proprioception from PDL to patient while chewing
  - B) The apparent ease with which patient seems to adapt to overdenture
  - C) Overdenture is easier to construct than a conventional denture
  - D) Decrease Alveolar Ridge Resorption
17. The Lingual Bar connector is
- A) 4 guage, oval shaped
  - B) 4 guage, half pear shaped
  - C) 6 guage, oval shaped
  - D) 6 guage, half pear shaped
18. Flabby ridge is seen most commonly in the
- A) anterior maxilla
  - B) posterior maxilla
  - C) anterior mandible
  - D) posterior mandible
19. The term 'arcon' is coined by
- A) Hanau
  - B) Bergstrom
  - C) Winkler
  - D) Gysi
20. The hemidesmosomes of the basal epithelial cells of the gingival epithelium abut the ... ..
- A) lamina propria
  - B) lamina lucida
  - C) lamina densa
  - D) lamina dura
21. All the following conditions can lead to depapillation of the tongue EXCEPT
- A) Plummer-Vinson syndrome
  - B) Amyloidosis
  - C) Pernicious anemia
  - D) Luetic glossitis
22. In which type of examination method, mirror explorer and good illumination is used ?
- A) Type 1
  - B) Type 2
  - C) Type 3
  - D) Type 4
23. Multiple Regression Analysis is applied to
- A) Compare medians of two independent samples
  - B) Compare medians of several independent samples
  - C) Test association between two categorical variables
  - D) Tests relation between dependent variable and several independent variables



24. Physical Quality of life index includes
- A) Life expectancy at birth, adult literacy rate and income
  - B) Infant mortality rate, life expectancy at birth and income
  - C) Infant mortality rate, life expectancy at age one and literacy
  - D) Adult literacy rate, income life expectancy at age one
25. Formative evaluation of a programme is done
- A) For actualization and final operation of programme
  - B) To decide to continue or terminate the programme
  - C) To judge the merit of programme after it has been in operation
  - D) To examine process as they are taking place
26. Hallmark of Tuberculous Inflammation are EXCEPT
- A) Caseous necrosis
  - B) Langhan's giant cells
  - C) Epitheloid cell granuloma
  - D) Liquefactive necrosis
27. Hallmark of malignancy are EXCEPT
- A) Pleomorphism
  - B) Abnormal nuclear morphology
  - C) Absence of mitoses
  - D) Loss of polarity of cells
28. Actions of bradykinin include all of the following EXCEPT
- A) Vasodilatation
  - B) Bronchodilatation
  - C) Increased vascular permeability
  - D) Pain
29. Which one of the following is the treatment method used for anatomical waste ?
- A) Incineration
  - B) Chemical disinfection
  - C) Autoclaving
  - D) Microwaving
30. Scarlet fever is caused by which one of the following microorganism ?
- A) Group 'A' streptococci
  - B) Group 'B' streptococci
  - C) Group 'C' streptococci
  - D) Viridans group of streptococci



31. C-shaped canals are found most commonly in
- A) Mandibular 1<sup>st</sup> molar                      B) Mandibular 2<sup>nd</sup> molar  
C) Maxillary 1<sup>st</sup> molar                      D) Maxillary 2<sup>nd</sup> molar
32. The most conservative tooth preparation for amalgam is prepared with
- A) No. 245 bur                                  B) No. 330 bur  
C) No. 169L bur                                D) No. 271 bur
33. First step in removal of Rubber dam is
- A) Removing the retainer                      B) Removing the dam  
C) Cutting the rubber dam septa            D) Removing the frame
34. Atraumatic Restorative Treatment (ART) technique utilises
- A) Glass ionomer cement                      B) Composite resin  
C) Silver amalgam                              D) Reinforced zinc oxide eugenol cement
35. The Tin-Mercury Phase ( $\gamma_2$ ) of silver amalgam undergoes
- A) Surface corrosion                          B) Penetrating corrosion  
C) No corrosion                                D) Delayed corrosion
36. The muscle of mastication responsible for wide opening of mouth is
- A) Medial pterygoid                            B) Lateral pterygoid  
C) Masseter                                      D) Temporalis
37. Which one of the following syndrome patient exhibits webbing of neck ?
- A) Klinefelter syndrome                      B) Down syndrome  
C) Turner syndrome                          D) Edward syndrome
38. The lymphatics from the median part of the forehead drains to
- A) Submandibular nodes                      B) Submental nodes  
C) Preauricular parotid nodes              D) Upper deep cervical nodes
39. The mode of secretion of sebaceous gland is
- A) Merocrine                      B) Holocrine                      C) Apocrine                      D) Eccrine



40. Which of the following is a derivative of the second (2<sup>nd</sup>) pharyngeal arch ?  
A) Malleus                      B) Incus                      C) Stapes                      D) Maxilla
41. Adequate vestibular depth is important for  
A) Good aesthetics                      B) Good occlusion  
C) Good oral hygiene                      D) Muscular function
42. Paroxysmal lacrimation during mastication occurs due to damage to  
A) Facial nerve                      B) Auriculotemporal nerve  
C) Oculomotor nerve                      D) Mandibular nerve
43. The colloidal plasma expander used in treatment of hypovolemic shock is  
A) 5% dextrose saline                      B) Normal saline  
C) Ringer lactate                      D) 6% dextran
44. Which of the following graft has high success rate ?  
A) Autogenous graft                      B) Allogenic graft  
C) Isogenic graft                      D) Xenograft
45. Which of the following cyst has highest rate of recurrence ?  
A) Dentigerous cyst                      B) Keratocyst  
C) Radicular cyst                      D) Follicular cyst
46. Pigmented lesions of oral mucosa do occur because of the consumption of following drugs EXCEPT  
A) Nifedipine                      B) Zidovudine  
C) Minocycline                      D) Oral contraceptives
47. The recommended target HbA<sub>1C</sub> to minimise the risk of vascular complications in diabetic individual is  
A) 10% or more                      B) 8%                      C) 7% or less                      D) 9%
48. When hypothyroidism is caused by pituitary dysfunction (Central hypothyroidism), the following profile is present  
A) Goitre present, raised TSH, low T<sub>3</sub>, T<sub>4</sub>  
B) No goitre, reduced TSH, low T<sub>3</sub>, T<sub>4</sub>  
C) No goitre, raised TSH, low T<sub>3</sub>, T<sub>4</sub>  
D) Goitre present, reduced TSH, low T<sub>3</sub>, T<sub>4</sub>





49. A pathogen that causes a haemorrhagic fever that is NOT endemic in India is
- A) Plasmodium falciparum                      B) Ebola virus  
C) Leptospira                                      D) Dengue
50. High risk cardiac lesions for which endocarditis prophylaxis is advised before dental procedures include the following EXCEPT
- A) Prosthetic heart valves  
B) Uncomplicated rheumatic heart disease  
C) Unrepaired congenital cyanotic heart disease  
D) Valvulopathy developing after cardiac transplantation
51. Radius of action of bacterial plaque which can induce loss of bone is
- A) 0.5 mm to 1.5 mm                              B) 1.5 mm to 2.5 mm  
C) 2.5 mm to 3.5 mm                              D) 3.5 mm to 4.5 mm
52. The length of junctional epithelium ranges from :
- A) 0.25 to 1.35 mm                              B) 0.35 to 1.25 mm  
C) 0.25 to 1.50 mm                              D) 0.35 to 1.50 mm
53. Osteoporosis is a skeletal condition characterised by
- A) Decreased mineral density                      B) Decreased blood flow  
C) Decreased healing                              D) Decreased local calcium uptake
54. The strip technique which is a variant of free gingival graft was developed by
- A) Rateitschak et. al.                              B) Han et. al.  
C) Edel et. al.                                      D) Bjorn et. al.
55. Necrotizing Ulcerative Gingivitis has been demonstrated to be :-
- A) Communicable but not transmissible  
B) Both communicable and transmissible  
C) Transmissible but not communicable  
D) Neither transmissible nor communicable



56. A patient reports with circumorbital echymosis, sub conjunctival hemorrhage at outer canthus of eye and limitation of mandibular movement. The most likely diagnosis is
- A) Zygomatic complex fracture      B) Lefort I fracture  
C) Naso-orbito-ethmoidal fracture      D) Mandibular fracture
57. Augmentation genioplasty is done to
- A) Correct facial asymmetry  
B) Increase the chin projection  
C) Increase the facial height vertically  
D) Reduce the symphysis
58. Treatment of choice for palatal hyperplasia occurring due to denture irritation is
- A) Discontinuation of dentures      B) Radicular excision  
C) Supraperiosteal excision      D) No treatment necessary
59. K-flex file is traditionally made from
- A) Triangular blank      B) Rhomboid blank  
C) Square blank      D) Round blank
60. Patient is undergoing a treatment for nonvital discolored central incisor i.e. nonvital tooth bleaching procedure which may cause
- A) Internal resorption      B) Cervical resorption  
C) External resorption      D) Condensing osteitis
61. Removal of stomach in peptic ulcer results in
- A) Aplastic anaemia      B) Megaloblastic anaemia  
C) Thalassemia      D) Sickle cell anaemia
62. Pain sensation is transmitted by
- A) A alpha and B fibers      B) A alpha and C fibers  
C) A delta and B fibers      D) A delta and C fibers
63. Saliva has the following functions EXCEPT
- A) Defence function      B) Digestive function  
C) Absorptive function      D) Lubrication function



64. Phenylketonuria is due to defect of the following enzyme
- A) Phenylalanine hydroxylase                      B) Tyrosine hydroxylase  
C) Tyrosinase    D) Homogentisate oxidase
65. Which of the following vitamins is essential for synthesis of coagulation factor prothrombin ?
- A) Vitamin C                      B) Vitamin K                      C) Vitamin A                      D) Vitamin D
66. CARE stands for
- A) Co-operative for Assistance and Relief Everywhere  
B) Council of American Relief for Everybody  
C) Central Association of Relief in Emergency  
D) Children Association of Relief in Emergency
67. The Central Government Health Scheme (CGHS) was established in the year
- A) 1948                              B) 1953                              C) 1954                              D) 1955
68. The tissue stops should engage buccal and lingual slopes of residual ridge for
- A) Stability                              B) Support                              C) Retention                              D) Reciprocation
69. Complete denture patients have a preference for which region, when consistency of food is tough
- A) 2<sup>nd</sup> molar region    B) 1<sup>st</sup> molar region  
C) Premolar region    D) Premolar and molar region
70. The most commonly used pontic design in the appearance zone for both maxillary and mandibular fixed partial dentures is
- A) Ridge lap    B) Hygienic  
C) Conical    D) Modified ridge lap
71. The most potent diuretic amongst the following is
- A) Bumetanide    B) Furosemide  
C) Torsemide    D) Ethacrynic acid



72. The anti-retroviral drug used in low dose to boost other protease inhibitors is

- A) Atazanavir
- B) Indinavir
- C) Saquinavir
- D) Ritonavir

73. The standard local anaesthetic preparation used in dental practice is

- A) Lidocaine (2%) with adrenaline (1 : 80,000)
- B) Dibucaine (2%)
- C) Bupivacaine (0.5%) with adrenaline (1 : 200,000)
- D) Ropivacaine

74. Antiepileptic drug producing gum hypertrophy as adverse effect is

- A) Phenytoin
- B) Carbamazepine
- C) Gabapentin
- D) Lamotrigine

75. Amlodipine is used in the treatment of hypertension because it

- A) reduces heart rate
- B) is a diuretic
- C) inhibits calcium channel in the blood vessels
- D) reduces sympathetic activity

76. All are the features of Surgical Inflammatory Response Syndrome (SIRS),  
EXCEPT

- A) Hyperthermia
- B) Tachycardia
- C) Hypothermia
- D) Bradycardia

77. Plunging Ranula is a type of

- A) Retention cyst
- B) Extravasation cyst
- C) Implantation cyst
- D) Malignant tumor

78. In ABCDE of trauma care D stands for

- A) Disease
- B) Disorder
- C) Disability
- D) Destruction



79. This is a reason for tissue analysis in surgery after Histopathology
- A) FNAC repeated
  - B) To confirm a suspected or established clinical diagnosis for prognosis of treatment
  - C) To confirm radiological study
  - D) Data recording
80. Patient of Ca tongue Rt. lateral margin has single contralateral (Left) submandibular metastatic lymph node of size 4 cm, the patients lymph node staging is
- A) N<sub>2a</sub>
  - B) N<sub>2b</sub>
  - C) N<sub>2c</sub>
  - D) N<sub>3</sub>
81. Which of the following is INCORRECT condition – Drug combination ?
- A) HIV-AIDS – Azidothymidine
  - B) Herpes zoster – Azathioprine
  - C) Migraine – Ergotamine
  - D) Rheumatoid arthritis – Methotrexate
82. A 40 year old male patient presents with a painless swelling causing fullness of upper lip and elevation of nostril on left side. The only positive radiographic finding is unilateral elevation of floor of nasal cavity-probable diagnosis is
- A) Globulomaxillary cyst
  - B) Polyp in the nasal cavity
  - C) Radicular cyst
  - D) Nasolabial cyst
83. Which of the following structures/objects can give risk to Ghost image on orthopantomograph (OPG) ?
- A) Nose ring
  - B) Vertical ramus of mandible
  - C) Foreign body in upper lip
  - D) Lip ornament
84. An ‘onion-skin appearance’ is a radiographic feature of
- A) Garre’s osteomyelitis
  - B) Paget’s disease
  - C) Fibrous dysplasia
  - D) Periapical cemental dysplasia
85. A pathergy test can be performed for the diagnosis of
- A) Sjogren’s syndrome
  - B) Behcet’s syndrome
  - C) Stevens Johnson syndrome
  - D) Grinspan syndrome



86. Indications for use of stainless steel crowns in primary teeth are all EXCEPT
- A) Restoration of hypoplastic teeth
  - B) Following pulpotomy or pulpectomy procedure
  - C) Teeth which are not restorable
  - D) As an abutment for space maintainer
87. The ideal method for restoring a fractured tooth is
- A) Open faced stainless steel crown
  - B) Reattachment of fractured tooth segment
  - C) Stripcrown
  - D) Composite resin restoration
88. The window of infectivity during which teeth get infected with S. Mutans is
- A) 7 – 14 months
  - B) 19 – 33 months
  - C) 35 – 64 months
  - D) 6 – 7 years
89. When dentist says, “I can not fix your teeth if you do not open your mouth wide”, he is employing.
- A) Voice control
  - B) Behaviour shaping
  - C) Negative reinforcement
  - D) Problem ownership
90. In regenerative endodontic therapy of young permanent teeth, metronidazole is replaced by
- A) Ornidazole
  - B) Doxycycline
  - C) Chloramphenicol
  - D) Cloxacillin
91. Angles classification is based on the postulate that key to occlusion is
- A) Maxillary 1<sup>st</sup> Molar
  - B) Mandibular 1<sup>st</sup> Molar
  - C) Maxillary Canine
  - D) Mandibular Canine
92. Implants used in orthodontics are
- A) Endo-osseous implants
  - B) Transosseous implants
  - C) Micro implants
  - D) Bioresorbable implants



93. The length of tongue spike in tongue thrusting habit breaking appliance should be upto the
- A) Incisal edges of maxillary incisors
  - B) Incisal edges of mandibular incisors
  - C) Cingulum of mandibular incisors
  - D) Cervical margin of mandibular incisors
94. Cephalometric tracing showing superimposition from pre-treatment to retention, the post-treatment tracing is done in
- A) Black colour
  - B) Red colour
  - C) Green colour
  - D) Blue colour
95. Intravenous dose of midazolam is
- A) 0.05 – 0.1 mg/kg
  - B) 0.01 – 0.05 mg/kg
  - C) 0.4 – 1 mg/kg
  - D) 0.2 – 0.3 mg/kg
96. Amongst the non-keratinocytes of oral epithelium the non-dendritic tactile sensory cells present in the basal cell layer are
- A) Melanocytes
  - B) Langerhan cells
  - C) Lymphocytes
  - D) Merkel cells
97. The dentin with greater degree of Mineralization is
- A) Inter globular dentin
  - B) Inter tubular dentin
  - C) Peri tubular dentin
  - D) Secondary dentin
98. Permanent mandibular first molar is a common site for all the lesions EXCEPT
- A) Pulp polyp
  - B) Condensing osteitis
  - C) Lateral periodontal cyst
  - D) Benign cementoblastoma
99. Thrush refers to
- A) Acute pseudomembranous candidiasis
  - B) Acute atrophic candidiasis
  - C) Chronic atrophic candidiasis
  - D) Chronic hyperplastic candidiasis
100. The radiographic appearance of cherubism is
- A) Unilateral, multilocular radiolucency
  - B) Unilateral, unilocular radiolucency
  - C) Bilateral, unilocular radiolucency
  - D) Bilateral, multilocular radiolucency

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