





**(DO NOT WRITE HERE)**

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**SPACE FOR ROUGH WORK**



1. Process in which the hardness of a metal increases during cold working is
  - A) Annealing
  - B) Coring
  - C) Work hardening
  - D) Homogenizing
  
2. Sharpey's fibres are seen in
  - A) Acellular extrinsic fibre cementum
  - B) Cellular intrinsic fibre cementum
  - C) Acellular fibrillar cementum
  - D) None of the above
  
3. Duct of Rivinus is associated with
  - A) Parotid gland
  - B) Submandibular gland
  - C) Sublingual gland
  - D) Minor salivary gland
  
4. At the age of nine years, the mandibular permanent first molar has its distal contact with which of the following teeth ?
  - A) First premolar
  - B) Second premolar
  - C) Deciduous 2<sup>nd</sup> molar
  - D) None
  
5. The position of maximum intercuspation of upper and lower teeth is referred to as centric
  - A) occlusion
  - B) relation
  - C) position
  - D) bite
  
6. The "Onset" of the disease in the history of present illness relates to
  - A) when the present complaint started
  - B) how the present complaint started
  - C) why the present complaint started
  - D) duration of the present complaint
  
7. A "Papule" is a
  - A) flat, solid lesion
  - B) raised solid lesion
  - C) raised blister
  - D) pus containing blister



8. To study the malignant tumour of the jaw bone, the radio-nuclide used is
- A) Gallium 67 citrate
  - B) Technitium 99m labeled iodine
  - C) Technitium 99m per technitate
  - D) Technitium 99m methylene diphosphate (MDP)
9. Sphygmomanometer reading can be correct only when
- A) deflation is 5-10 mm Hg per heart beat
  - B) cuff is slightly full on applying to patient's arm
  - C) the cuff width is 25% of the diameter of the patient's arm
  - D) length of the bladder encircles 80% of the patient's arm
10. Radiographic image sharpness is reduced when
- A) focal spot-to-object distance is less
  - B) focal spot-to-object distance is more
  - C) insufficient vertical angulation is used
  - D) inappropriate horizontal angulation is used
11. Corrugated collagenous rings surrounding lymphocytes and plasma cells in the walls of inflammatory cysts are called
- A) Ruston bodies
  - B) Hyaline bodies
  - C) Howell- Jolly bodies
  - D) Papenheimer bodies
12. Blue sclerae may be seen in all types of osteogenesis imperfecta EXCEPT
- A) Type I
  - B) Type II
  - C) Type III
  - D) Type IV
13. A serious coagulopathy characterized by severe thrombocytopenia and haemorrhage due to platelet trapping within the tumor is called
- A) Phace(S) Syndrome
  - B) Kasabach- Merrit Phenomenon
  - C) Kaposi's sarcoma
  - D) Hemangioma
14. In PRECEDE model of health education R stands for ....
- A) Resolution
  - B) Reinforcing
  - C) Revolution
  - D) Reforming







31. Direct Coombs test detects
- A) Antigen in serum
  - B) Antibodies on RBC surface
  - C) Antigen on RBC surface
  - D) Antibodies in serum
32. Invasive squamous cell carcinoma is differentiated from Carcinoma in situ by
- A) Penetration of basement membrane
  - B) Number of mitotic figures
  - C) Increased in size of cells
  - D) Nuclear pleomorphism
33. Leucopenia is seen in ....
- A) Brucellosis
  - B) Acute myocardial infarction
  - C) Typhoid
  - D) Diphtheria
34. Clostridium tetani are following type of bacteria
- A) Spore bearing aerobes
  - B) Non sporing aerobes
  - C) Spore bearing anaerobes
  - D) Non sporing anaerobes
35. Common cause of diarrhoea in AIDS cases is due to
- A) Plasmodium falciparum
  - B) Cryptosporidium
  - C) Ascaris lumbricoides
  - D) Taenia solium
36. The mode of inheritance in hemophilia is ....
- A) Autosomal dominant
  - B) Autosomal recessive
  - C) X linked dominant
  - D) X linked recessive
37. A strong crescent shaped fold of duramater lying in the sagittal plane and occupying great longitudinal fissure between two cerebral hemispheres is
- A) Falx cerebri
  - B) Diphragmatica sellae
  - C) Tentorium cerebelli
  - D) Falx cerebelli







46. Circulatory shock is an example of
- A) Hypoxic Hypoxia                      B) Stagnant Hypoxia  
C) Histotoxic Hypoxia                  D) Anemic Hypoxia
47. The amount of air remaining in the lungs after a normal expiration is
- A) Tidal volume                              B) Functional residual capacity  
C) Vital capacity                             D) Total lung capacity
48. Hemiplegia is produced when the corticospinal tract is damaged at the level of
- A) Pons    B) Midbrain  
C) Medulla                                      D) Internal capsule
49. Positive nitrogen balance is seen in ....
- A) Malignancy                                B) Pregnancy  
C) Uncontrolled Diabetes mellitus      D) Burns
50. Substrate for gluconeogenesis is ....
- A) Glycogen                                    B) Acetyl CoA  
C) Glycerol                                     D) Leucine
51. Degeneration of periodontal tissue without inflammation is called as
- A) Desquamative gingivitis                B) Chronic periodontitis  
C) Periodontosis                               D) Pericoronitis
52. Keratin specific to epidermal type differentiation are
- A) K<sub>1</sub>, K<sub>2</sub>, K<sub>10</sub>, K<sub>12</sub>                        B) K<sub>1</sub>, K<sub>3</sub>, K<sub>10</sub>, K<sub>12</sub>  
C) K<sub>1</sub>, K<sub>2</sub>, K<sub>10</sub>, K<sub>13</sub>                        D) K<sub>1</sub>, K<sub>2</sub>, K<sub>11</sub>, K<sub>13</sub>
53. Which of the following is NOT detected by Evalusite ?
- A) A. actinomycetem Comitens            B) P. gingivalis  
C) P. intermedia                              D) T. denticola
54. Closed mouth technique of blocking the inferior alveolar, Buccinator and lingual nerve is also termed as
- A) Gow-Gates Technique                    B) Akinosi Technique  
C) Browns Technique                        D) Bennetts Technique



55. Penrose drain is
- A) A simple rubber tube open at one end
  - B) Simple rubber tube open at both ends
  - C) Modified corrugated rubber drain
  - D) Modified Foley's Catheter
56. Which agent is used in walking bleach technique ?
- A) Hydrofluoric acid
  - B) Carbamide peroxide
  - C) Sodium perborate
  - D) Heines solution
57. Osteoblast covering the periodontal surface of the alveolar bone constitute a
- A) modified periosteum
  - B) modified endosteum
  - C) periosteum
  - D) endosteum
58. Brushlite crystals in calculus are found more commonly in
- A) Mandibular posteriors
  - B) Mandibular anteriors
  - C) Maxillary anteriors
  - D) Maxillary posteriors
59. Healing of a wound which simply restores the continuity of the diseased marginal gingival is known as
- A) regeneration
  - B) new attachment
  - C) repair
  - D) reattachment
60. True about Papillon Leferve Syndrome is
- A) Autosomal dominant disorder
  - B) Characterized by palmer planter hyperkeratosis
  - C) Mutation in cathepsine C gene
  - D) All of the above
61. Xylitol is a
- A) natural sweet amino acid
  - B) synthetic sweet amino acid
  - C) natural five carbon sugar
  - D) synthetic five carbon sugar



62. Which is an example of retainerless matrix ?
- A) Universal matrix                      B) Compound supported matrix  
C) Custom made matrix                  D) Auto matrix
63. Fluoride release is maximum in
- A) Conventional Glass Ionomer          B) Metal modified Glass Ionomer  
C) Resin modified Glass Ionomer        D) Polyacid modified Composite
64. The acid used in etching ceramic during repair of ceramic restorations is
- A) Hydrochloric acid                      B) Hydrofluoric acid  
C) Sulphuric acid                         D) Ortho phosphoric acid
65. The configuration factor [“C” factor] for an occlusal class I cavity is
- A) 2                      B) 3                      C) 4                      D) 5
66. The Antiviral drug recommended for treatment of Herpes Zoster infection of trigeminal nerve distribution in an immunocompromised host is
- A) Fomivirsen                              B) Vidarabin  
C) Famciclovir                              D) Entecavir
67. Which of the following patient require Vit B<sub>12</sub> supplementation ?
- A) Patient on strict vegetarian diet  
B) Patient with normal B<sub>12</sub> level having dementia  
C) Patient with elevated Homocystein level  
D) General debility
68. Which of the most appropriate cause of urinary stone formation ?
- A) High urinary oxalate                      B) Low urinary Mg  
C) Low urinary sodium                      D) High urinary chloride
69. Which of the following is NOT a characteristic feature of sepsis ?
- A) Temperature > 38°C or < 36°C      B) Heart rate > 90/min  
C) WBC count > 12000/mm<sup>2</sup>              D) Respiratory rate 14-18/min







86. The pulp stem cells are
- A) Pluripotent in nature                      B) Totipotent in nature  
C) Multipotent in nature                      D) None of the above
87. The incisal edge of maxillary central incisor in a 21 year old man is chipped off during a fall. He is informed that the tooth will erupt a little. This compensatory tooth movement is because of increased deposition of
- A) dentin    B) pulp  
C) cementum                                      D) periodontal ligament
88. Koilocytes are seen in all of the following EXCEPT
- A) Condyloma acuminatum                      B) Actinic keratosis  
C) Verruca vulgaris                              D) Squamous papilloma
89. A typical example of an immunologically mediated collagen vascular/connective tissue disorder is
- A) Lichen planus                                      B) Pemphigus vulgaris  
C) Lupus erythematosis                      D) Epidermolysis bullosa
90. Pastia's lines in Scarlet fever are
- A) white lines on the dorsum of the tongue  
B) seen bilaterally on buccal Mucosa  
C) present in skin folds secondary to capillary fragility  
D) seen when white and red strawberry tongue occur concomitantly
91. Which of the following is NOT a layer of primary growth cartilage ?
- A) Cartilaginous matrix                      B) Calcified cartilaginous matrix  
C) Fibrous capsule                              D) Degenerating Chondroblast
92. Early closure of suture is associated with
- A) Treacher Collins Syndrome                      B) Marfan Syndrome  
C) Guzons Syndrome                              D) Pierre Robin Syndrome
93. The cartilage of the Hyoid arch is
- A) Meckel's cartilage                              B) Condylar cartilage  
C) Reichert's cartilage                      D) Nasal cartilage



94. Rotational changes in the mandible essentially consist of
- A) Matrix rotation 25% & Intramatrix rotation 75%
  - B) Matrix rotation 50% & Intramatrix rotation 50%
  - C) Matrix rotation 100% & Intramatrix rotation 0%
  - D) Matrix rotation 0% & Intramatrix rotation 100%
95. The maxillary intercanine dimension serves to control the mandibular growth, which is known as
- A) Mechano transduction
  - B) Safety valve mechanism
  - C) Pterygoid response
  - D) Buccinator mechanism
96. The initiator in the heat cure polymer powder is
- A) Hydroquinone
  - B) Sulfinic acid
  - C) Benzoyl peroxide
  - D) Sulfur dioxide
97. A dentist can best control the setting time of Alginate impression material without altering its properties by
- A) using perforated tray
  - B) altering water : powder ratio
  - C) reducing the rate of mixing
  - D) altering the temperature of water
98. In acrylic restorative materials, the pumping action of alternately imbibing and exuding fluids is termed as
- A) Imbibition
  - B) Percolation
  - C) Syneresis
  - D) Evaporation
99. Time dependent deformation produced in a completely set solid subjected to a constant stress is termed as
- A) Static creep
  - B) Elongation
  - C) Dynamic creep
  - D) Flexibility
100. An acidic agent that dissolves the inorganic structure in dentin that allows infiltration of adhesive resin is
- A) Dentin bonding agent
  - B) Dentin conditioner
  - C) Primer
  - D) None of the above

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