

Printed Pages: 10

Sr. No.....

**WST-DCI-MDS-PROSTHO-2018-P-1-SET-1-A**

Total Questions: 100

Max. Marks: 100

Time: Two Hours

Roll No. (in figures) .....

(in words).....

.....  
(Signature of Candidate)

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

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**CANDIDATES MUST READ THE FOLLOWING INFORMATION/ INSTRUCTIONS BEFORE TO ATTEMPT THE QUESTION PAPER.**

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WST-MDS-PROSTHO-2018-P-1-SET-1-A

1. All the following are characteristics of oculomotor nerve, Except:
  - A. Carries parasympathetic nerve fibres
  - B. Supplies inferior oblique muscle
  - C. Enters orbit through the inferior orbital fissure
  - D. Causes constriction of pupil
  
2. The cells belonging to the following type of epithelium are provided with extra reserve of cell membrane:
  - A. Transitional
  - B. Stratified squamous
  - C. Stratified cuboidal
  - D. Stratified columnar
  
3. All of the following statements regarding the spinal cord are true, except:
  - A. Central canal lies in the white matter
  - B. Efferent fibres leave from the anterior horn
  - C. Spinal cord ends at the lower border of L<sub>1</sub> in adults
  - D. Denticulate ligaments suspend spinal medulla in the subarachnoid space
  
4. Tongue movement has primarily its effect on:
  - A. Lip
  - B. Cheek
  - C. Palatoglossal arch
  - D. Facial musculature
  
5. Intrinsic muscles of tongue are derived from
  - A. Cervical somites
  - B. Occipital somites
  - C. Pharyngeal arch mesoderm
  - D. 2<sup>nd</sup> branchial cleft
  
6. A patient complains of loss of taste and numbness in the left half of his tongue after removal of his left lower wisdom tooth. Which of the following nerve is most likely to be injured during removal of this tooth?
  - A. Mandibular nerve
  - B. Inferior alveolar nerve
  - C. Glossopharyngeal nerve
  - D. Lingual nerve
  
7. The position of maximum inner cuspatation of upper and lower teeth is known as:-
  - A. Centric position
  - B. Centric occlusion
  - C. Centric relation
  - D. Centric organization
  
8. 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 deciduous molar
  - C. No distal contact
  - D. Second premolar
  
9. Which dentin is continuously produced throughout life?
  - A. Interglobular dentin
  - B. Intertubular dentin
  - C. Tertiary
  - D. Intratubular dentin
  
10. Lacrimal secretion is diminished if the following site of nerve is damaged:
  - A. Parotid nerve
  - B. Gasserian ganglia
  - C. Ciliary ganglia
  - D. Pterygopalatine ganglion

**WST-MDS-PROSTHO-2018-P-1-SET-1-A**

11. The dye commonly used in determining plasma volume is :  
A. Congo red  
B. Eosin yellow  
C. Silver nitrate  
D. Evan's blue
12. The largest WBC is:  
A. Monocyte  
B. Neutrophil  
C. Eosinophil  
D. Basophil
13. The protein associated with thick filament is :  
A. Actin  
B. Myosin  
C. Troponin  
D. Tropomyosin
14. Second heart sound is produced due to closure of :  
A. Atrioventricular valves  
B. Mitral valve  
C. Semilunar valves  
D. Tricuspid valve
15. The normal tidal volume is :  
A. 150 ml  
B. 300 ml  
C. 500 ml  
D. 1000 ml
16. Jerky movements of eyeballs is called :  
A. Akinesia  
B. Nystagmus  
C. Dysmetria  
D. Myopia
17. Color vision is tested by :  
A. Ishihara's chart  
B. Snellen's chart  
C. Jaeger's chart  
D. Landold's chart
18. Myxoedema occurs due to :  
A. Hyperthyroidism in adults  
B. Hyperthyroidism in children  
C. Hypothyroidism in adults  
D. Hypothyroidism in children
19. Aldosterone is chiefly secreted by :  
A. Zona glomerulosa  
B. Zona fasciculata  
C. Zona reticularis  
D. Zona pellucid
20. Fertilization occurs in :  
A. Fallopian tube  
B. Uterine cavity  
C. Cervix  
D. Vagina
21. Deficiency of biotin results in decrease of :  
A. Amino acid synthesis  
B. Lipid synthesis  
C. Fatty acid synthesis  
D. All of the above
22. Uremia occurs in :  
A. Cirrohsis of liver  
B. Nephritis  
C. Diabetes mellitus  
D. Coronary thrombosis

**WST-MDS-PROSTHO-2018-P-1-SET-1-A**

23. The human species can biosynthesize :  
A. Vitamin C  
B. Vitamin B12  
C. Thiamine  
D. Niacin
24. Vitamin essential for transamination is :  
A. B1  
B. B2  
C. B6  
D. B12
25. Feedback inhibition of enzyme is influenced by :  
A. Enzyme  
B. External factors  
C. End product  
D. Substrate
26. Identify the correct sequential stages of mitosis :  
A. Metaphase, telophase, anaphase, prophase  
B. Telophase, metaphase, prophase, anaphase  
C. Prophase, metaphase, anaphase, telophase  
D. Prophase, anaphase, telophase, metaphase
27. Following are routes of transmission of HIV except :  
A. Mosquito bite  
B. Sexual contact  
C. Parenteral transmission  
D. Perinatal transmission
28. Meiosis occurs in :  
A. Haploid cells  
B. Diploid cells  
C. Triploid cells  
D. Both haploid and diploid cells
29. Lobar pneumonia is caused by all except :  
A. Streptococcus  
B. Staphylococcus  
C. Mycobacterial tuberculi  
D. Pseudomonas
30. Cervical smear examination is used to screen :  
A. Cervical canal lesions  
B. Lung lesions  
C. Cervical lymph node lesions  
D. Ovarian lesions
31. Heat liable instruments for use in surgical procedures can be best sterilized by :  
A. Absolute alcohol  
B. Ultraviolet rays  
C. Chlorine releasing compounds  
D. Ethylene oxide gas
32. Investigation of choice of diphtheria carrier is:  
A. Throat Swab Culture  
B. Grams stain  
C. Alberts stain  
D. Zeil Nelsons stain
33. The following is Not a part of normal microbial flora of body-  
A. Staph aureus  
B. Mycobacterium tuberculosis  
C. Candida albicans  
D. Corynebacterium
34. The string of pearl colonies on nutrient agar is produced by :  
A. Klebsiella  
B. Proteus  
C. Bacillus  
D. Salmonella

35. In respiratory and GIT infections, which is the most affected immunoglobulin?  
A. IgA  
B. IgG  
C. IgM  
D. IgD
36. Multiple dentigerous cysts are reported in :  
A. Gorlin Gotz syndrome  
B. Maroteaux- Lamy syndrome  
C. Pierre Robin syndrome  
D. Noonan syndrome
37. Verocay bodies are characteristically seen in :  
A. Lipoma  
B. Papilloma  
C. Schwannoma  
D. Traumatic neuroma
38. Intraoral minor salivary gland tumours occur most frequently in the :  
A. Gingiva  
B. Buccal mucosa  
C. Floor of the mouth  
D. Hard palate
39. The Reed Sternberg cell is characteristically seen in :  
A. Tuberculosis  
B. Multiple myeloma  
C. Hodgkin's lymphoma  
D. Burkitt's lymphoma
40. Peutz Jegher syndrome is associated with :  
A. Double lip  
B. Glossoptosis  
C. Labial melanotic macules  
D. Fissured tongue
41. Teeth are unique sites for microbial colonization as :  
A. They are non-shedding surfaces  
B. Permit the accumulation of large masses of microorganisms and their products  
C. They offer protection from oral removal forces  
D. All of the above
42. *Actinomyces israelii* characteristically form 'granules' which :  
A. Contribute to their ability to disseminate around the body by affording cells physical protection from the environment, host defences, and antibiotic treatment  
B. Are made up of phosphorous  
C. Are red green in colour  
D. Are made up of giant cells
43. All of the following are Gram negative cocci except:  
A. Veillonella  
B. Neisseria  
C. *Aggregatibacter actinomycetemcomitans*  
D. Eikenella

44. Pioneer bacterial species in the mouths of newborns are usually :  
A. Salivarius, S. mitis and S. oralis  
B. Mainly obligately anaerobic and nutritionally-Fastidious bacteria  
C. Fusobacterium and Selenomonas species  
D. All of the above
45. The change in pH of the gingival crevice to 7.5 favours growth of pathogens such as :  
A. *S. mutans*  
B. *Lactobacillus* species  
C. *P. gingivalis*  
D. None of the above
46. True about Penicillin G is :  
A. It is usually given orally  
B. It has a broad spectrum of activity  
C. Used for the treatment of rat bite fever  
D. Probenecid given along with penicillin-G decreases its duration of action
47. Which of the following is not a prodrug?  
A. Quinapril  
B. Fosinopril  
C. Benzopril  
D. Lisinopril
48. Salbutamol is the most appropriate drug to manage :  
A. Acute asthma  
B. Angina pectoris.  
C. Myocardial infarction  
D. Epilepsy
49. Sodium salicylate is administered to a patient with rheumatoid arthritis because it is a/an:  
A. Anti-inflammatory agent  
B. Sedative  
C. Antiseptic  
D. Antiplatelet agent
50. A 58 year old woman complains of electric shock-like pain on the left side of the chin and lip when eating or taking a hot shower. Which of the following medications is most appropriate to confirm the diagnosis?  
A. Amoxicillin  
B. Carbamazepine  
C. Acetaminophen and codeine  
D. Ibuprofen
51. All of the following are RNA viruses except :  
A. Hepatitis A  
B. Hepatitis B  
C. Hepatitis C  
D. Hepatitis E
52. Tachycardia is :  
A. HR >72 bpm  
B. HR >80 bpm  
C. HR >90 bpm  
D. HR >100 bpm
53. Most common cause of anemia in India is :  
A. Megaloblastic anemia  
B. Iron deficiency anemia  
C. Dimorphic anemia  
D. Thalassemia

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54. Dental fluorosis affects :  
A. Enamel  
B. Dentin  
C. Cementum  
D. All of the above
55. Which is the major mode of transmission of HIV world wide?  
A. Heterosexual sex  
B. Homosexual sex (anal inter course)  
C. Homosexual sex (genital-oral contact)  
D. Intravenous drug use
56. Hutchinson's pupil is commonly seen in :  
A. EDH  
B. SDH  
C. Subarachnoid haemorrhage  
D. Frontal lobe contusions
57. In aortic injuries, X-ray chest most commonly shows :  
A. Widened mediastinum  
B. Aorta knob  
C. Apical cap  
D. Left pleural effusion
58. Which of the following local anesthetic has intrinsic vasoconstrictive action?  
A. Cocaine  
B. Procaine  
C. Xylocaine  
D. Bupivacaine
59. Which of the following procedure is not used for closure of oro-antral fistula?  
A. Buccal flap  
B. Partschz flap  
C. Palatal flap  
D. Island flap
60. Which one among the following is the first step in the emergency management of a patient of facio maxillary injury?  
A. Arrest of bleeding  
B. To maintain a patent airway  
C. To get the appropriate radiographs  
D. To examine for splenic rupture
61. Time-dependent plastic deformation of a material is called as :  
A. Creep  
B. Viscosity  
C. Flow  
D. Elasticity
62. Which of the following is true of ZOE paste?  
A. Longer the mixing, faster the setting  
B. Less than P/L ratio, slower is the setting  
C. Higher the temperature of mixing slab, faster is the setting  
D. All of the above
63. Inlay wax is used to :  
A. Temporarily cement inlays  
B. Make inlays wax patterns  
C. Invest inlay patterns  
D. Box models
64. Boxing wax is also called as :  
A. Carding wax  
B. Utility wax  
C. Inlay wax  
D. Sticky wax
65. Dental porcelains are crystalline materials of :  
A. Rubber  
B. Plastic  
C. Organic substance  
D. Glass

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66. Which of the following gypsum products is used as die material?  
A. Type I  
B. Type II  
C. Type III  
D. Type IV
67. Setting expansion is advantageous in :  
A. Casts  
B. Investment  
C. Models  
D. Dies
68. Polymer – monomer proportion of polymethyl methacrylate is:  
A. 3:1 by volume  
B. 2:1 by weight  
C. Both of the above  
D. None of the above
69. Cross – linking agent in polymethyl methacrylate is:  
A. Hydroquinone  
B. Tertiary amine  
C. Glycol dimethacrylate  
D. Stable salts of sulfonic acid
70. Duration of 'Bench curing' is:  
A. 20 minutes  
B. 30 minutes  
C. 90 minutes  
D. 120 minutes
71. Soldering of metal parts occurs at temperature of about :  
A. Above 450°C  
B. Below 450°C  
C. Room temperature  
D. None of the above
72. Dental solders should possess :  
A. Fusion temperature at least 50°C greater than that of parent metal  
B. Fusion temperature equal to that of parent metal  
C. Fusion temperature at least 50°C lesser than that of parent metal  
D. Fusion temperature at least 100°C lesser than that parent metal
73. Which of the following zones of a flame is used for heating the joint area during soldering?  
A. Oxidizing zone  
B. Reducing zone  
C. Neutral zone  
D. Both 'B' and 'C'
74. A true eutectic alloy has :  
A. Melting point below the melting point of either metal  
B. Melting point above the melting point of component metals  
C. Melting point below that of high fusion metal  
D. Melting point above that of low fusing metal
75. Which of the following dimensions of the colour describes relative lightness and Darkness?  
A. Value  
B. Chroma  
C. Hue  
D. Esthelite
76. The wetting of an adherend surface by an adhesive is related to :  
A. Surface energy of the adherend  
B. Surface texture of the adherend  
C. Surface tension of the adherend  
D. Nature of the adherent that is crystalline or amorphous



77. Galvanic shock in amalgam restoration can be avoided by :  
A. Giving zinc phosphate base the filling under  
B. Maintaining proper marginal seal between restoration and tooth interface  
C. Application of varnish over the surface of restoration  
D. All of the above
78. Ideal requirement of metal ceramic casting include :  
A. Low fusing ceramic and high fusing alloys  
B. Matching of coefficients of thermal expansion of ceramics and alloy  
C. Bonding between ceramic and alloy  
D. All of the above
79. Dental porcelains are classified according to :  
A. Method of firing  
B. Temperature of firing  
C. According to substructure  
D. All of the above
80. All of the following affect strength of polymethyl methacrylate except:  
A. Composition of resin  
B. Water sorption  
C. Degree of polymerization  
D. None of the above
81. Chemical bond to denture is present in:  
A. Porcelain teeth  
B. Resin teeth  
C. Both of the above  
D. None of the above
82. Desensitizing action in desensitizing tooth paste is due to :  
A. Glycerol  
B. Potassium nitrate  
C. Calcium carbonate  
D. None of the above
83. Which of the following is used as/for grit blasting of base metal alloys?  
A. Tripoli  
B. Rouge  
C. Emery  
D. Aluminium oxide
84. Gingival irritation is least with :  
A. Glazed porcelain  
B. Glazed composites  
C. Polished gold restorations  
D. Polished amalgam
85. The point at which a stress of a material exhibits a specific limited deviation P is called :  
A. Proportional limit  
B. Tensile strength  
C. Ultimate strength  
D. Yield strength
86. The gas that produces high temperature is :  
A. Hydrogen  
B. Helium  
C. Acetylene  
D. Propane
87. The zinc oxide-eugenol impression pastes harden by :  
A. Chemical reaction  
B. Cold  
C. Heat  
D. Pressure

WST-MDS-PROSTHO-2018-P-1-SET-1-A

88. Most accurate reproduction of details can be obtained by :  
A. Polysulfides  
B. Additional silicones  
C. Condensation silicones  
D. Polyethers
89. The American Dental Association (ADA) specification number for non – aqueous elastomeric dental impression material is :  
A. 19  
B. 20  
C. 21  
D. 26
90. Amalgam means :  
A. A metallic powder composed of silver, tin, copper and zinc  
B. An alloy of two or more metals, one of which is mercury  
C. An alloy of two or more metals that have been dissolved in each other in the molten state  
D. A metallic substance in powder or tablet form that is mixed with mercury
91. Divestment is a combination of :  
A. Improved stone + gypsum bonded investment  
B. Improved stone + phosphate bonded investment  
C. Die stone + ethyl silicate – bonded investment  
D. None of the above
92. Room temperature – vulcanized (RTV) silicones resemble:  
A. Condensation silicone  
B. Addition silicone  
C. Both of the above  
D. None of the above
93. The latest method of curing denture base resin is by :  
A. Heat  
B. Visible light  
C. Chemicals  
D. Lasers
94. The commonly used acid for enamel etching is :  
A. EDTA 4 %  
B. Citric acid 2 %  
C. Phosphoric acid 37 %  
D. Malic acid 30 %
95. Which of the following composites are recommended only for non – stress bearing anterior restorations?  
A. Microfilled  
B. Hybrid  
C. Conventional  
D. Small particle filled
96. Annealing the gold foil is a process which :  
A. Softens and restores the cohesive quality  
B. Improves ductility and malleability  
C. Reduces the tarnish of corrosion resistances  
D. Reduces the melting point of alloy
97. Another name of electrolytic precipitate of gold :  
A. Mat gold  
B. Electroalloy  
C. Electrophy  
D. Goldent
98. In which of the following properties, a gold alloy exceeds base metal alloy?  
A. Hardness  
B. Strength  
C. Specific gravity  
D. Modulus of elastic

99. Which of the following is common to polycarboxylate and glass ionomer?
- A. Powder-zinc oxide
  - B. Powder – alumino silicate glass
  - C. Liquid – phosphoric acid
  - D. Liquid – polyacrylic acid
100. Polycarboxylate cement is used for :
- A. Temporary restoration
  - B. Luting
  - C. Permanent restoration
  - D. Dye material

KEY OF DCI-MDS-PROSTHO-2018-P-1SET-1-A

	KEY		KEY		KEY		KEY
1	C	26	C	51	B	76	A
2	A	27	A	52	D	77	C
3	A	28	A	53	C	78	D
4	C	29	C	54	A	79	D
5	B	30	A	55	A	80	D
6	D	31	D	56	A	81	B
7	B	32	A	57	A	82	B
8	C	33	B	58	A	83	D
9	D	34	C	59	B	84	A
10	D	35	A	60	B	85	D
11	D	36	B	61	A	86	C
12	A	37	C	62	D	87	A
13	B	38	D	63	B	88	B
14	C	39	C	64	A	89	A
15	C	40	C	65	D	90	B
16	B	41	D	66	D	91	A
17	A	42	A	67	B	92	A
18	C	43	C	68	C	93	B
19	A	44	A	69	C	94	C
20	A	45	C	70	B	95	A
21	C	46	C	71	B	96	A
22	B	47	D	72	C	97	A
23	D	48	A	73	B	98	C
24	C	49	A	74	A	99	D
25	C	50	B	75	A	100	B

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Sr. No.....

**WST-DCI-MDS-PROSTHO-2018-P-1-SET-1-B**

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**WST-MDS-PROSTHO-2018-P-1-SET-1-B**

1. Identify the correct sequential stages of mitosis :  
A. Metaphase, telophase, anaphase, prophase  
B. Telophase, metaphase, prophase, anaphase  
C. Prophase, metaphase, anaphase, telophase  
D. Prophase, anaphase, telophase, metaphase
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19. Pioneer bacterial species in the mouths of newborns are usually :  
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B. Mainly obligately anaerobic and nutritionally-Fastidious bacteria  
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**WST-MDS-PROSTHO-2018-P-1-SET-1-B**

20. The change in pH of the gingival crevice to 7.5 favours growth of pathogens such as :  
A. *S. mutans* B. *Lactobacillus* species  
C. *P. gingivalis* D. None of the above
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B. It has a broad spectrum of activity  
C. Used for the treatment of rat bite fever  
D. Probenecid given along with penicillin-G decreases its duration of action
22. Which of the following is not a prodrug?  
A. Quinapril B. Fosinopril  
C. Benzopril D. Lisinopril
23. Salbutamol is the most appropriate drug to manage :  
A. Acute asthma B. Angina pectoris.  
C. Myocardial infarction D. Epilepsy
24. Sodium salicylate is administered to a patient with rheumatoid arthritis because it is a/an:  
A. Anti-inflammatory agent B. Sedative  
C. Antiseptic D. Antiplatelet agent
25. A 58 year old woman complains of electric shock-like pain on the left side of the chin and lip when eating or taking a hot shower. Which of the following medications is most appropriate to confirm the diagnosis?  
A. Amoxicillin B. Carbamazepine  
C. Acetaminophen and codeine D. Ibuprofen
26. All of the following are RNA viruses except :  
A. Hepatitis A B. Hepatitis B  
C. Hepatitis C D. Hepatitis E
27. Tachycardia is :  
A. HR >72 bpm B. HR >80 bpm  
C. HR >90 bpm D. HR >100 bpm
28. Most common cause of anemia in India is :  
A. Megaloblastic anemia B. Iron deficiency anemia  
C. Dimorphic anemia D. Thalassemia
29. Dental fluorosis affects :  
A. Enamel B. Dentin  
C. Cementum D. All of the above
30. Which is the major mode of transmission of HIV world wide?  
A. Heterosexual sex B. Homosexual sex (anal intercourse)  
C. Homosexual sex (genital-oral contact) D. Intravenous drug use



WST-MDS-PROSTHO-2018-P-1-SET-1-B

31. Hutchinson's pupil is commonly seen in :  
A. EDH  
B. SDH  
C. Subarachnoid haemorrhage  
D. Frontal lobe contusions
32. In aortic injuries, X-ray chest most commonly shows :  
A. Widened mediastinum  
B. Aorta knob  
C. Apical cap  
D. Left pleural effusion
33. Which of the following local anesthetic has intrinsic vasoconstrictive action?  
A. Cocaine  
B. Procaine  
C. Xylocaine  
D. Bupivacaine
34. Which of the following procedure is not used for closure of oro-antral fistula?  
A. Buccal flap  
B. Partsch flap  
C. Palatal flap  
D. Island flap
35. Which one among the following is the first step in the emergency management of a patient of facio maxillary injury?  
A. Arrest of bleeding  
B. To maintain a patent airway  
C. To get the appropriate radiographs  
D. To examine for splenic rupture
36. Time-dependent plastic deformation of a material is called as :  
A. Creep  
B. Viscosity  
C. Flow  
D. Elasticity
37. Which of the following is true of ZOE paste?  
A. Longer the mixing, faster the setting  
B. Less than P/L ratio, slower is the setting  
C. Higher the temperature of mixing slab, faster is the setting  
D. All of the above
38. Inlay wax is used to :  
A. Temporarily cement inlays  
B. Make inlays wax patterns  
C. Invest inlay patterns  
D. Box models
39. Boxing wax is also called as :  
A. Carding wax  
B. Utility wax  
C. Inlay wax  
D. Sticky wax
40. Dental porcelains are crystalline materials of :  
A. Rubber  
B. Plastic  
C. Organic substance  
D. Glass
41. Which of the following gypsum products is used as die material?  
A. Type I  
B. Type II  
C. Type III  
D. Type IV
42. Setting expansion is advantageous in :  
A. Casts  
B. Investment  
C. Models  
D. Dies

WST-MDS-PROSTHO-2018-P-1-SET-1-B

43. Polymer – monomer proportion of polymethyl methacrylate is:  
A. 3:1 by volume  
B. 2:1 by weight  
C. Both of the above  
D. None of the above
44. Cross – linking agent in polymethyl methacrylate is:  
A. Hydroquinone  
B. Tertiary amine  
C. Glycol dimethacrylate  
D. Stable salts of sulfonic acid
45. Duration of 'Bench curing' is:  
A. 20 minutes  
B. 30 minutes  
C. 90 minutes  
D. 120 minutes
46. Soldering of metal parts occurs at temperature of about :  
A. Above 450°C  
B. Below 450°C  
C. Room temperature  
D. None of the above
47. Dental solders should possess :  
A. Fusion temperature at least 50°C greater than that of parent metal  
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49. A true eutectic alloy has :  
A. Melting point below the melting point of either metal  
B. Melting point above the melting point of component metals  
C. Melting point below that of high fusion metal  
D. Melting point above that of low fusing metal
50. Which of the following dimensions of the colour describes relative lightness and Darkness?  
A. Value  
B. Chroma  
C. Hue  
D. Esthelite
51. The wetting of an adherend surface by an adhesive is related to :  
A. Surface energy of the adherend  
B. Surface texture of the adherend  
C. Surface tension of the adherend  
D. Nature of the adherent that is crystalline or amorphous
52. Galvanic shock in amalgam restoration can be avoided by :  
A. Giving zinc phosphate base the filling under  
B. Maintaining proper marginal seal between restoration and tooth interface  
C. Application of varnish over the surface of restoration  
D. All of the above

**WST-MDS-PROSTHO-2018-P-1-SET-1-B**

53. Ideal requirement of metal ceramic casting include :
- A. Low fusing ceramic and high fusing alloys
  - B. Matching of coefficients of thermal expansion of ceramics and alloy
  - C. Bonding between ceramic and alloy
  - D. All of the above
54. Dental porcelains are classified according to :
- A. Method of firing
  - B. Temperature of firing
  - C. According to substructure
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55. All of the following affect strength of polymethyl methacrylate except:
- A. Composition of resin
  - B. Water sorption
  - C. Degree of polymerization
  - D. None of the above
56. Chemical bond to denture is present in:
- A. Porcelain teeth
  - B. Resin teeth
  - C. Both of the above
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57. Desensitizing action in desensitizing tooth paste is due to :
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  - B. Rouge
  - C. Emery
  - D. Aluminium oxide
59. Gingival irritation is least with :
- A. Glazed porcelain
  - B. Glazed composites
  - C. Polished gold restorations
  - D. Polished amalgam
60. The point at which a stress of a material exhibits a specific limited deviation P is called :
- A. Proportional limit
  - B. Tensile strength
  - C. Ultimate strength
  - D. Yield strength
61. The gas that produces high temperature is :
- A. Hydrogen
  - B. Helium
  - C. Acetylene
  - D. Propane
62. The zinc oxide-eugenol impression pastes harden by :
- A. Chemical reaction
  - B. Cold
  - C. Heat
  - D. Pressure
63. Most accurate reproduction of details can be obtained by :
- A. Polysulfides
  - B. Additional silicones
  - C. Condensation silicones
  - D. Polyethers
64. The American Dental Association (ADA) specification number for non – aqueous elastomeric dental impression material is :
- A. 19
  - B. 20
  - C. 21
  - D. 26

WST-MDS-PROSTHO-2018-P-1-SET-1-B

65. Amalgam means :  
A. A metallic powder composed of silver, tin, copper and zinc  
B. An alloy of two or more metals, one of which is mercury  
C. An alloy of two or more metals that have been dissolved in each other in the molten state  
D. A metallic substances in powder or tablet form that is mixed with mercury
66. Divestment is a combination of :  
A. Improved stone + gypsum bonded investment  
B. Improved stone + phosphate bonded investment  
C. Die stone + ethyl silicate – bonded investment  
D. None of the above
67. Room temperature – vulcanized (RTV) silicones resemble:  
A. Condensation silicone  
B. Addition silicone  
C. Both of the above  
D. None of the above
68. The latest method of curing denture base resin is by :  
A. Heat  
B. Visible light  
C. Chemicals  
D. Lasers
69. The commonly used acid for enamel etching is :  
A. EDTA 4 %  
B. Citric acid 2 %  
C. Phosphoric acid 37 %  
D. Malic acid 30 %
70. Which of the following composites are recommended only for non – stress bearing anterior restorations?  
A. Microfilled  
B. Hybrid  
C. Conventional  
D. Small particle filled
71. Annealing the gold foil is a process which :  
A. Softness and restores the cohesive quality  
B. Improves ductility and malleability  
C. Reduces the tarnish of corrosion resistances  
D. Reduces the melting point of alloy
72. Another name of electrolytic precipitate of gold :  
A. Mat gold  
B. Electroalloy  
C. Electrophory  
D. Goldent
73. In which of the following properties, a gold alloy exceeds base metal alloy?  
A. Hardness  
B. Strength  
C. Specific gravity  
D. Modulus of elastic
74. Which of the following is common to polycarboxylate and glass ionomer?  
A. Powder-zinc oxide  
B. Powder – alumino silicate glass  
C. Liquid – phosphoric acid  
D. Liquid – polyacrylic acid

**WST-MDS-PROSTHO-2018-P-1-SET-1-B**

75. Polycarboxylate cement is used for :  
A. Temporary restoration  
B. Luting  
C. Permanent restoration  
D. Dye material
76. All the following are characteristics of oculomotor nerve, Except:  
A. Carries parasympathetic nerve fibres  
B. Supplies inferior oblique muscle  
C. Enters orbit through the inferior orbital fissure  
D. Causes constriction of pupil
77. The cells belonging to the following type of epithelium are provided with extra reserve of cell membrane:  
A. Transitional  
B. Stratified squamous  
C. Stratified cuboidal  
D. Stratified columnar
78. All of the following statements regarding the spinal cord are true, except:  
A. Central canal lies in the white matter  
B. Efferent fibres leave from the anterior horn  
C. Spinal cord ends at the lower border of L<sub>1</sub> in adults  
D. Denticulate ligaments suspend spinal medulla in the subarachnoid space
79. Tongue movement has primarily its effect on:  
A. Lip  
B. Cheek  
C. Palatoglossal arch  
D. Facial musculature
80. Intrinsic muscles of tongue are derived from  
A. Cervical somites  
B. Occipital somites  
C. Pharyngeal arch mesoderm  
D. 2<sup>nd</sup> branchial cleft
81. A patient complains of loss of taste and numbness in the left half of his tongue after removal of his left lower wisdom tooth. Which of the following nerve is most likely to be injured during removal of this tooth?  
A. Mandibular nerve  
B. Inferior alveolar nerve  
C. Glossopharyngeal nerve  
D. Lingual nerve
82. The position of maximum inner cuspatation of upper and lower teeth is known as:-  
A. Centric position  
B. Centric occlusion  
C. Centric relation  
D. Centric organization
83. 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 deciduous molar  
C. No distal contact  
D. Second premolar
84. Which dentin is continuously produced throughout life?  
A. Interglobular dentin  
B. Intertubular dentin  
C. Tertiary  
D. Intratubular dentin
85. Lacrimal secretion is diminished if the following site of nerve is damaged:  
A. Parotid nerve  
B. Gasserian ganglia  
C. Ciliary ganglia  
D. Pterygopalatine ganglion

86. The dye commonly used in determining plasma volume is :  
A. Congo red  
B. Eosin yellow  
C. Silver nitrate  
D. Evan's blue
87. The largest WBC is:  
A. Monocyte  
B. Neutrophil  
C. Eosinophil  
D. Basophil
88. The protein associated with thick filament is :  
A. Actin  
B. Myosin  
C. Troponin  
D. Tropomyosin
89. Second heart sound is produced due to closure of :  
A. Atrioventricular valves  
B. Mitral valve  
C. Semilunar valves  
D. Tricuspid valve
90. The normal tidal volume is :  
A. 150 ml  
B. 300 ml  
C. 500 ml  
D. 1000 ml
91. Jerky movements of eyeballs is called :  
A. Akinesia  
B. Nystagmus  
C. Dysmetria  
D. Myopia
92. Color vision is tested by :  
A. Ishihara's chart  
B. Snellen's chart  
C. Jaeger's chart  
D. Landold's chart
93. Myxoedema occurs due to :  
A. Hyperthyroidism in adults  
B. Hyperthyroidism in children  
C. Hypothyroidism in adults  
D. Hypothyroidism in children
94. Aldosterone is chiefly secreted by :  
A. Zona glomerulosa  
B. Zona fasciculate  
C. Zona reticularis  
D. Zona pellucid
95. Fertilization occurs in :  
A. Fallopian tube  
B. Uterine cavity  
C. Cervix  
D. Vagina
96. Deficiency of biotin results in decrease of :  
A. Amino acid synthesis  
B. Lipid synthesis  
C. Fatty acid synthesis  
D. All of the above

WST-MDS-PROSTHO-2018-P-1-SET-1-B

97. Uremia occurs in :  
A. Cirrohsis of liver  
B. Nephritis  
C. Diabetes mellitus  
D. Coronary thrombosis
98. The human species can biosynthesize :  
A. Vitamin C  
B. Vitamin B12  
C. Thiamine  
D. Niacin
99. Vitamin essential for transamination is :  
A. B1  
B. B2  
C. B6  
D. B12
100. Feedback inhibition of enzyme is influenced by :  
A. Enzyme  
B. External factors  
C. End product  
D. Substrate

**KEY OF DCI-MDS-PROSTHO-2018-P-1SET-1-B**

	KEY		KEY		KEY		KEY
1	C	26	B	51	A	76	C
2	A	27	D	52	C	77	A
3	A	28	C	53	D	78	A
4	C	29	A	54	D	79	C
5	A	30	A	55	D	80	B
6	D	31	A	56	B	81	D
7	A	32	A	57	B	82	B
8	B	33	A	58	D	83	C
9	C	34	B	59	A	84	D
10	A	35	B	60	D	85	D
11	B	36	A	61	C	86	D
12	C	37	D	62	A	87	A
13	D	38	B	63	B	88	B
14	C	39	A	64	A	89	C
15	C	40	D	65	B	90	C
16	D	41	D	66	A	91	B
17	A	42	B	67	A	92	A
18	C	43	C	68	B	93	C
19	A	44	C	69	C	94	A
20	C	45	B	70	A	95	A
21	C	46	B	71	A	96	C
22	D	47	C	72	A	97	B
23	A	48	B	73	C	98	D
24	A	49	A	74	D	99	C
25	B	50	A	75	B	100	C



Printed Pages: 10

Sr. No.....

**WST-DCI-MDS-PROSTHO-2018-P-1-SET-1-C**

Total Questions: 100

Max. Marks: 100

Time: Two Hours

Roll No. (in figures) .....  
(in words).....

.....  
(Signature of Candidate)

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

.....  
(Signature of invigilator)

---

**CANDIDATES MUST READ THE FOLLOWING INFORMATION/ INSTRUCTIONS BEFORE TO ATTEMPT 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 100 QUESTIONS, COMPLAINTS REGARDING MISPRINT ETC. WILL NOT BE ENTERTAINED 15 MINUTES AFTER THE EXAMINATION GETS STARTED.**

**WST-MDS-PROSTHO-2018-P-1-SET-1-C**

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**WST-MDS-PROSTHO-2018-P-1-SET-1-C**

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**WST-MDS-PROSTHO-2018-P-1-SET-1-C**

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52. The cells belonging to the following type of epithelium are provided with extra reserve of cell membrane:  
A. Transitional  
B. Stratified squamous  
C. Stratified cuboidal  
D. Stratified columnar
53. All of the following statements regarding the spinal cord are true, except:  
A. Central canal lies in the white matter  
B. Efferent fibres leave from the anterior horn  
C. Spinal cord ends at the lower border of L<sub>1</sub> in adults  
D. Denticulate ligaments suspend spinal medulla in the subarachnoid space
54. Tongue movement has primarily its effect on:  
A. Lip  
B. Cheek  
C. Palatoglossal arch  
D. Facial musculature

WST-MDS-PROSTHO-2018-P-1-SET-1-C

55. Intrinsic muscles of tongue are derived from  
A. Cervical somites  
B. Occipital somites  
C. Pharyngeal arch mesoderm  
D. 2<sup>nd</sup> branchial cleft
56. A patient complains of loss of taste and numbness in the left half of his tongue after removal of his left lower wisdom tooth. Which of the following nerve is most likely to be injured during removal of this tooth?  
A. Mandibular nerve  
B. Inferior alveolar nerve  
C. Glossopharyngeal nerve  
D. Lingual nerve
57. The position of maximum inner cuspatation of upper and lower teeth is known as:-  
A. Centric position  
B. Centric occlusion  
C. Centric relation  
D. Centric organization
58. 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 deciduous molar  
C. No distal contact  
D. Second premolar
59. Which dentin is continuously produced throughout life?  
A. Interglobular dentin  
B. Intertubular dentin  
C. Tertiary  
D. Intratubular dentin
60. Lacrimal secretion is diminished if the following site of nerve is damaged:  
A. Parotid nerve  
B. Gasserian ganglia  
C. Ciliary ganglia  
D. Pterygopalatine ganglion
61. The dye commonly used in determining plasma volume is :  
A. Congo red  
B. Eosin yellow  
C. Silver nitrate  
D. Evan's blue
62. The largest WBC is:  
A. Monocyte  
B. Neutrophil  
C. Eosinophil  
D. Basophil
63. The protein associated with thick filament is :  
A. Actin  
B. Myosin  
C. Troponin  
D. Tropomyosin
64. Second heart sound is produced due to closure of :  
A. Atrioventricular valves  
B. Mitral valve  
C. Semilunar valves  
D. Tricuspid valve
65. The normal tidal volume is :  
A. 150 ml  
B. 300 ml  
C. 500 ml  
D. 1000 ml

WST-MDS-PROSTHO-2018-P-1-SET-1-C

66. Jerky movements of eyeballs is called :  
A. Akinesia  
B. Nystagmus  
C. Dysmetria  
D. Myopia
67. Color vision is tested by :  
A. Ishihara's chart  
B. Snellen's chart  
C. Jaeger's chart  
D. Landold's chart
68. Myxoedema occurs due to :  
A. Hyperthyroidism in adults  
B. Hyperthyroidism in children  
C. Hypothyroidism in adults  
D. Hypothyroidism in children
69. Aldosterone is chiefly secreted by :  
A. Zona glomerulosa  
B. Zona fasciculate  
C. Zona reticularis  
D. Zona pellucid
70. Fertilization occurs in :  
A. Fallopian tube  
B. Uterine cavity  
C. Cervix  
D. Vagina
71. Deficiency of biotin results in decrease of :  
A. Amino acid synthesis  
B. Lipid synthesis  
C. Fatty acid synthesis  
D. All of the above
72. Uremia occurs in :  
A. Cirrohsis of liver  
B. Nephritis  
C. Diabetes mellitus  
D. Coronary thrombosis
73. The human species can biosynthesize :  
A. Vitamin C  
B. Vitamin B12  
C. Thiamine  
D. Niacin
74. Vitamin essential for transamination is :  
A. B1  
B. B2  
C. B6  
D. B12
75. Feedback inhibition of enzyme is influenced by :  
A. Enzyme  
B. External factors  
C. End product  
D. Substrate
76. Identify the correct sequential stages of mitosis :  
A. Metaphase, telophase, anaphase, prophase  
B. Telophase, metaphase, prophase, anaphase  
C. Prophase, metaphase, anaphase, telophase  
D. Prophase, anaphase, telophase, metaphase
77. Following are routes of transmission of HIV except :  
A. Mosquito bite  
B. Sexual contact  
C. Parenteral transmission  
D. Perinatal transmission



78. Meiosis occurs in :  
A. Haploid cells  
B. Diploid cells  
C. Triploid cells  
D. Both haploid and diploid cells
79. Lobar pneumonia is caused by all except :  
A. Streptococcus  
B. Staphylococcus  
C. Mycobacterial tuberculi  
D. Pseudomonas
80. Cervical smear examination is used to screen :  
A. Cervical canal lesions  
B. Lung lesions  
C. Cervical lymph node lesions  
D. Ovarian lesions
81. Heat liable instruments for use in surgical procedures can be best sterilized by :  
A. Absolute alcohol  
B. Ultraviolet rays  
C. Chlorine releasing compounds  
D. Ethylene oxide gas
82. Investigation of choice of diphtheria carrier is:  
A. Throat Swab Culture  
B. Grams stain  
C. Alberts stain  
D. Zeil Nelsons stain
83. The following is Not a part of normal microbial flora of body-  
A. Staph aureus  
B. Mycobacterium tuberculosis  
C. Candida albicans  
D. Corynebacterium
84. The string of pearl colonies on nutrient agar is produced by :  
A. Klebsiella  
B. Proteus  
C. Bacillus  
D. Salmonella
85. In respiratory and GIT infections, which is the most affected immunoglobulin?  
A. IgA  
B. IgG  
C. IgM  
D. IgD
86. Multiple dentigerous cysts are reported in :  
A. Gorlin Gotz syndrome  
B. Maroteaux- Lamy syndrome  
C. Pierre Robin syndrome  
D. Noonan syndrome
87. Verocay bodies are characteristically seen in :  
A. Lipoma  
B. Papilloma  
C. Schwannoma  
D. Traumatic neuroma
88. Intraoral minor salivary gland tumours occur most frequently in the :  
A. Gingiva  
B. Buccal mucosa  
C. Floor of the mouth  
D. Hard palate
89. The Reed Sternberg cell is characteristically seen in :  
A. Tuberculosis  
B. Multiple myeloma  
C. Hodgkin's lymphoma  
D. Burkitt's lymphoma

90. Peutz Jegher syndrome is associated with :  
A. Double lip  
B. Glossoptosis  
C. Labial melanotic macules  
D. Fissured tongue
91. Teeth are unique sites for microbial colonization as :  
A. They are non-shedding surfaces  
B. Permit the accumulation of large masses of microorganisms and their products  
C. They offer protection from oral removal forces  
D. All of the above
92. *Actinomyces israelii* characteristically form 'granules' which :  
A. Contribute to their ability to disseminate around the body by affording cells physical protection from the environment, host defences, and antibiotic treatment  
B. Are made up of phosphorous  
C. Are red green in colour  
D. Are made up of giant cells
93. All of the following are Gram negative cocci except:  
A. Veillonella  
B. Neisseria  
C. Aggregatibacter actinomycetemcomitans  
D. Eikenella
94. Pioneer bacterial species in the mouths of newborns are usually :  
A. Salivarius, *S. mitis* and *S. oralis*  
B. Mainly obligately anaerobic and nutritionally-Fastidious bacteria  
C. *Fusobacterium* and *Selenomonas* species  
D. All of the above
95. The change in pH of the gingival crevice to 7.5 favours growth of pathogens such as :  
A. *S. mutans*  
B. *Lactobacillus* species  
C. *P. gingivalis*  
D. None of the above
96. True about Penicillin G is :  
A. It is usually given orally  
B. It has a broad spectrum of activity  
C. Used for the treatment of rat bite fever  
D. Probenecid given along with penicillin-G decreases its duration of action
97. Which of the following is not a prodrug?  
A. Quinapril  
B. Fosinopril  
C. Benzopril  
D. Lisinopril

**WST-MDS-PROSTHO-2018-P-1-SET-1-C**

98. Salbutamol is the most appropriate drug to manage :
- A. Acute asthma
  - B. Angina pectoris.
  - C. Myocardial infarction
  - D. Epilepsy
99. Sodium salicylate is administered to a patient with rheumatoid arthritis because it is a/an:
- A. Anti-inflammatory agent
  - B. Sedative
  - C. Antiseptic
  - D. Antiplatelet agent
100. A 58 year old woman complains of electric shock-like pain on the left side of the chin and lip when eating or taking a hot shower. Which of the following medications is most appropriate to confirm the diagnosis?
- A. Amoxicillin
  - B. Carbamazepine
  - C. Acetaminophen and codeine
  - D. Ibuprofen

KEY OF DCI-MDS-PROSTHO-2018-P-1SET-1-C

	KEY		KEY		KEY		KEY
1	B	26	A	51	C	76	C
2	D	27	C	52	A	77	A
3	C	28	D	53	A	78	A
4	A	29	D	54	C	79	C
5	A	30	D	55	B	80	A
6	A	31	B	56	D	81	D
7	A	32	B	57	B	82	A
8	A	33	D	58	C	83	B
9	B	34	A	59	D	84	C
10	B	35	D	60	D	85	A
11	A	36	C	61	D	86	B
12	D	37	A	62	A	87	C
13	B	38	B	63	B	88	D
14	A	39	A	64	C	89	C
15	D	40	B	65	C	90	C
16	D	41	A	66	B	91	D
17	B	42	A	67	A	92	A
18	C	43	B	68	C	93	C
19	C	44	C	69	A	94	A
20	B	45	A	70	A	95	C
21	B	46	A	71	C	96	C
22	C	47	A	72	B	97	D
23	B	48	C	73	D	98	A
24	A	49	D	74	C	99	A
25	A	50	B	75	C	100	B

Printed Pages: 10

Sr. No.....

**WST-DCI-MDS-PROSTHO-2018-P-1-SET-1-D**

Total Questions: 100

Max. Marks: 100

Time: Two Hours

Roll No. (in figures) .....  
(in words).....

.....  
(Signature of Candidate)

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

.....  
(Signature of invigilator)

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**CANDIDATES MUST READ THE FOLLOWING INFORMATION/ INSTRUCTIONS BEFORE TO ATTEMPT 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 100 QUESTIONS, COMPLAINTS REGARDING MISPRINT ETC. WILL NOT BE ENTERTAINED 15 MINUTES AFTER THE EXAMINATION GETS STARTED.**

**WST-MDS-PROSTHO-2018-P-1-SET-1-D**

1. The wetting of an adherend surface by an adhesive is related to :
  - A. Surface energy of the adherend
  - B. Surface texture of the adherend
  - C. Surface tension of the adherend
  - D. Nature of the adherent that is crystalline or amorphous
  
2. Galvanic shock in amalgam restoration can be avoided by :
  - A. Giving zinc phosphate base the filling under
  - B. Maintaining proper marginal seal between restoration and tooth interface
  - C. Application of varnish over the surface of restoration
  - D. All of the above
  
3. Ideal requirement of metal ceramic casting include :
  - A. Low fusing ceramic and high fusing alloys
  - B. Matching of coefficients of thermal expansion of ceramics and alloy
  - C. Bonding between ceramic and alloy
  - D. All of the above
  
4. Dental porcelains are classified according to :
  - A. Method of firing
  - B. Temperature of firing
  - C. According to substructure
  - D. All of the above
  
5. All of the following affect strength of polymethyl methacrylate except:
  - A. Composition of resin
  - B. Water sorption
  - C. Degree of polymerization
  - D. None of the above
  
6. Chemical bond to denture is present in:
  - A. Porcelain teeth
  - B. Resin teeth
  - C. Both of the above
  - D. None of the above
  
7. Desensitizing action in desensitizing tooth paste is due to :
  - A. Glycerol
  - B. Potassium nitrate
  - C. Calcium carbonate
  - D. None of the above
  
8. Which of the following is used as/for grit blasting of base metal alloys?
  - A. Tripoli
  - B. Rouge
  - C. Emery
  - D. Aluminium oxide
  
9. Gingival irritation is least with :
  - A. Glazed porcelain
  - B. Glazed composites
  - C. Polished gold restorations
  - D. Polished amalgam
  
10. The point at which a stress of a material exhibits a specific limited deviation P is Called :
  - A. Proportional limit
  - B. Tensile strength
  - C. Ultimate strength
  - D. Yield strength
  
11. The gas that produces high temperature is :
  - A. Hydrogen
  - B. Helium
  - C. Acetylene
  - D. Propane

**WST-MDS-PROSTHO-2018-P-1-SET-1-D**

12. The zinc oxide-eugenol impression pastes harden by :  
A. Chemical reaction  
B. Cold  
C. Heat  
D. Pressure
13. Most accurate reproduction of details can be obtained by :  
A. Polysulfides  
B. Additional silicones  
C. Condensation silicones  
D. Polyethers
14. The American Dental Association (ADA) specification number for non – aqueous elastomeric dental impression material is :  
A. 19  
B. 20  
C. 21  
D. 26
15. Amalgam means :  
A. A metallic powder composed of silver, tin, copper and zinc  
B. An alloy of two or more metals, one of which is mercury  
C. An alloy of two or more metals that have been dissolved in each other in the molten state  
D. A metallic substances in powder or tablet form that is mixed with mercury
16. Divestment is a combination of :  
A. Improved stone + gypsum bonded investment  
B. Improved stone + phosphate bonded investment  
C. Die stone + ethyl silicate – bonded investment  
D. None of the above
17. Room temperature – vulcanized (RTV) silicones resemble:  
A. Condensation silicone  
B. Addition silicone  
C. Both of the above  
D. None of the above
18. The latest method of curing denture base resin is by :  
A. Heat  
B. Visible light  
C. Chemicals  
D. Lasers
19. The commonly used acid for enamel etching is :  
A. EDTA 4 %  
B. Citric acid 2 %  
C. Phosphoric acid 37 %  
D. Malic acid 30 %
20. Which of the following composites are recommended only for non – stress bearing anterior restorations?  
A. Microfilled  
B. Hybrid  
C. Conventional  
D. Small particle filled
21. Annealing the gold foil is a process which :  
A. Softness and restores the cohesive quality  
B. Improves ductility and malleability  
C. Reduces the tarnish of corrosion resistances  
D. Reduces the melting point of alloy

**WST-MDS-PROSTHO-2018-P-1-SET-1-D**

22. Another name of electrolytic precipitate of gold :  
A. Mat gold  
B. Electroalloy  
C. Electrophy  
D. Goldent
23. In which of the following properties, a gold alloy exceeds base metal alloy?  
A. Hardness  
B. Strength  
C. Specific gravity  
D. Modulus of elastic
24. Which of the following is common to polycarboxylate and glass ionomer?  
A. Powder-zinc oxide  
B. Powder – alumino silicate glass  
C. Liquid – phosphoric acid  
D. Liquid – polyacrylic acid
25. Polycarboxylate cement is used for :  
A. Temporary restoration  
B. Luting  
C. Permanent restoration  
D. Dye material
26. All the following are characteristics of oculomotor nerve, Except:  
A. Carries parasympathetic nerve fibres  
B. Supplies inferior oblique muscle  
C. Enters orbit through the inferior orbital fissure  
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**WST-MDS-PROSTHO-2018-P-1-SET-1-D**

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WST-MDS-PROSTHO-2018-P-1-SET-1-D

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WST-MDS-PROSTHO-2018-P-1-SET-1-D

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**WST-MDS-PROSTHO-2018-P-1-SET-1-D**

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B. Hepatitis B  
C. Hepatitis C  
D. Hepatitis E
77. Tachycardia is :  
A. HR >72 bpm  
B. HR >80 bpm  
C. HR >90 bpm  
D. HR >100 bpm
78. Most common cause of anemia in India is :  
A. Megaloblastic anemia  
B. Iron deficiency anemia  
C. Dimorphic anemia  
D. Thalassemia
79. Dental fluorosis affects :  
A. Enamel  
B. Dentin  
C. Cementum  
D. All of the above
80. Which is the major mode of transmission of HIV world wide?  
A. Heterosexual sex  
B. Homosexual sex (anal inter course)  
C. Homosexual sex (genital-oral contact)  
D. Intravenous drug use
81. Hutchinson's pupil is commonly seen in :  
A. EDH  
B. SDH  
C. Subarachnoid haemorrhage  
D. Frontal lobe contusions
82. In aortic injuries, X-ray chest most commonly shows :  
A. Widened mediastinum  
B. Aorta knob  
C. Apical cap  
D. Left pleural effusion
83. Which of the following local anesthetic has intrinsic vasoconstrictive action?  
A. Cocaine  
B. Procaine  
C. Xylocaine  
D. Bupivacaine
84. Which of the following procedure is not used for closure of oro-antral fistula?  
A. Buccal flap  
B. Partsch flap  
C. Palatal flap  
D. Island flap
85. Which one among the following is the first step in the emergency management of a patient of facio maxillary injury?  
A. Arrest of bleeding  
B. To maintain a patent airway  
C. To get the appropriate radiographs  
D. To examine for splenic rupture

WST-MDS-PROSTHO-2018-P-1-SET-1-D

86. Time-dependent plastic deformation of a material is called as :  
A. Creep  
B. Viscosity  
C. Flow  
D. Elasticity
87. Which of the following is true of ZOE paste?  
A. Longer the mixing, faster the setting  
B. Less than P/L ratio, slower is the setting  
C. Higher the temperature of mixing slab, faster is the setting  
D. All of the above
88. Inlay wax is used to :  
A. Temporarily cement inlays  
B. Make inlays wax patterns  
C. Invest inlay patterns  
D. Box models
89. Boxing wax is also called as :  
A. Carding wax  
B. Utility wax  
C. Inlay wax  
D. Sticky wax
90. Dental porcelains are crystalline materials of :  
A. Rubber  
B. Plastic  
C. Organic substance  
D. Glass
91. Which of the following gypsum products is used as die material?  
A. Type I  
B. Type II  
C. Type III  
D. Type IV
92. Setting expansion is advantageous in :  
A. Casts  
B. Investment  
C. Models  
D. Dies
93. Polymer – monomer proportion of polymethyl methacrylate is:  
A. 3:1 by volume  
B. 2:1 by weight  
C. Both of the above  
D. None of the above
94. Cross – linking agent in polymethyl methacrylate is:  
A. Hydroquinone  
B. Tertiary amine  
C. Glycol dimethacrylate  
D. Stable salts of sulfonic acid
95. Duration of 'Bench curing' is:  
A. 20 minutes  
B. 30 minutes  
C. 90 minutes  
D. 120 minutes
96. Soldering of metal parts occurs at temperature of about :  
A. Above 450°C  
B. Below 450°C  
C. Room temperature  
D. None of the above
97. Dental solders should possess :  
A. Fusion temperature at least 50°C greater than that of parent metal  
B. Fusion temperature equal to that of parent metal  
C. Fusion temperature at least 50°C lesser than that of parent metal  
D. Fusion temperature at least 100°C lesser than that parent metal

**WST-MDS-PROSTHO-2018-P-1-SET-1-D**

98. Which of the following zones of a flame is used for heating the joint area during soldering?
- A. Oxidizing zone
  - B. Reducing zone
  - C. Neutral zone
  - D. Both 'B' and 'C'
99. A true eutectic alloy has :
- A. Melting point below the melting point of either metal
  - B. Melting point above the melting point of component metals
  - C. Melting point below that of high fusion metal
  - D. Melting point above that of low fusing metal
100. Which of the following dimensions of the colour describes relative lightness and Darkness?
- A. Value
  - B. Chroma
  - C. Hue
  - D. Esthelite

KEY OF DCI-MDS-PROSTHO-2018-P-1SET-1-D							
	KEY		KEY		KEY		KEY
1	A	26	C	51	C	76	B
2	C	27	A	52	A	77	D
3	D	28	A	53	A	78	C
4	D	29	C	54	C	79	A
5	D	30	B	55	A	80	A
6	B	31	D	56	D	81	A
7	B	32	B	57	A	82	A
8	D	33	C	58	B	83	A
9	A	34	D	59	C	84	B
10	D	35	D	60	A	85	B
11	C	36	D	61	B	86	A
12	A	37	A	62	C	87	D
13	B	38	B	63	D	88	B
14	A	39	C	64	C	89	A
15	B	40	C	65	C	90	D
16	A	41	B	66	D	91	D
17	A	42	A	67	A	92	B
18	B	43	C	68	C	93	C
19	C	44	A	69	A	94	C
20	A	45	A	70	C	95	B
21	A	46	C	71	C	96	B
22	A	47	B	72	D	97	C
23	C	48	D	73	A	98	B
24	D	49	C	74	A	99	A
25	B	50	C	75	B	100	A