

39th Special BCS Questions Solve: Dental Science

01. Relapse occur due to:

- a) Tongue thrust
- b) Lack of retention
- c) Unsupported tooth
- d) Occlusal interference

Answer: B

02. Biological benefits of crown down technique of root canal preparation is:

- a) Reduction in post operative pain
- b) Enhanced tactile sensation
- c) Decreased canal blockages
- d) Easy removal of pulp content

Answer: A

03. Maxillary sinus is usually involved in fracture of:

- a) Le-Fort-I
- b) Zygomatic arch
- c) Le Fort III
- d) Naso ethmoidal

Answer: A

04. Deficiency of which vitamin causes delayed wound healing?

- a) Vitamin K
- b) Vitamin B complex
- c) Vitamin B12
- d) Vitamin C

Answer: D

05. Von Korff's fibers are present in:

- a) Enamel
- b) Dentine
- c) Pulp
- d) Cementa

Answer: B

06. Basal arch length in normal occlusion is almost equal in:

- a) Class-I malocclusion
- b) Class-II, div-I malocclusion
- c) Class-ii div-2 malocclusion
- d) Class-III, malocclusion

Answer: A

07. Which of the following one tells about maxilla-mandibular relationship?

- a) SNA
- b) SNB
- c) IMPA
- d) ANB

Answer: D

08. Material used for model duplication is:

- a) Alginate
- b) Agar Agar
- c) Guta percha
- d) Zinc oxide eugenol paste

Answer: B

09. The posterior teeth are set edge to edge without horizontal over-jet the possible discomfort may be:

- a) Gagging
- b) Cheek biting
- c) Speech aberration
- d) Lip biting

Answer: B

10. Which one is the most ideal material used for diagnostic impression material?

- a) Impression compound
- b) Alginate
- c) Rubber base material
- d) Zinc oxide eugenol paste

Answer: B

11. In Lefort II fracture of the maxilla the fracture line includes all except:

- a) Maxilla
- b) Alveolar bone
- c) Floor of the orbit
- d) Nasal bone

Answer: B

12. A child aged about four years would be classified developmentally (according to stance & church) as:

- a) Toddler
- b) Preschooler
- c) Middle year child
- d) Adolescent

Answer: B

13. The usual eruption time of the deciduous maxillary 2nd molar is:

- a) 16 month
- b) 18 month
- c) 20 month
- d) 22 month

Answer: D

14. Pus from sub mandibular infection may not track into:

- a) Lateral pharyngeal space
- b) Buccal space
- c) Submandibular space
- d) Peritonsillar space

Answer: B

15. Secondary stress bearing area of lower denture is

- a) Mandibular alveolar ridge
- b) Lower buccal shelf area
- c) Post dam area
- d) Lower residual alveolar ridge

Answer: A

16. A pontic has:

- a) Seven surfaces
- b) Five surfaces
- c) Four surfaces
- d) Three surfaces

Answer: A

17. The most common reason for high caries incidence in children of higher income group is:

- a) Poor oral hygiene
- b) Lack of motivation
- c) Frequent consumption of sticky refined sugar
- d) Lack of awareness

Answer: C

18. Acute deficiency of which vitamin is responsible for tooth mobilization and gingival swelling?

- a) Vitamin A
- b) Vitamin C
- c) Vitamin B12
- d) Vitamin B2

Answer: B

19. Radix entomolaris is an extra:

- a) Distal root located mesio-buccally
- b) Distal root on the lingual aspect
- c) Lingual root on the buccal aspect
- d) Palatal root located distopalatally

Answer: B

20. Complication of surgical extraction of impacted mandibular third molar teeth is:

- a) Surgical emphysema
- b) Epistaxis
- c) Displacement of root in infratemporal fossa

- d) Paresthesia of lower lip

Answer: D

21. The routine investigation for GA fitness includes:

- a) Intra oral peridical X-ray
- b) Cephalogram
- c) X-ray chest
- d) OPG

Answer: C

22. True Lefort II fracture includes:

- a) Floor of the orbit
- b) Zygomatic arch
- c) Ethmoidal bone
- d) Great wing of sphenoid bone

Answer: A

23. The burden of ill health of the community is:

- a) Mortality indicator
- b) Morbidity indicator
- c) Disability rate
- d) Nutritional indicator

Answer: B

24. A balanced diet is one which contains

- a) High carbohydrate, low protein
- b) High protein and high fat
- c) High protein, Low carbohydrate
- d) Nutritional value in proper proportion

Answer: D

25. Dentigerous cyst is:

- a) Associate with of dental follicles
- b) Known as primordial cyst
- c) Developed from breakdown of stellate reticulum cells
- d) Having goblet cell

Answer: C

26. Vasoconstrictor used in local anaesthesia is:

- a) Adrenaline
- b) Nor-adrenaline
- c) Felipressin
- d) Dopamine

Answer: A

27. Dens invaginatus most commonly found in:

- a) Maxillary canine
- b) Maxillary lateral incisor
- c) Mandibular incisor
- d) Mandibular canine

Answer: B

28. Causes of pain during the progression of pulp injury is due to:

- a) Elevation of the sensory nerve threshold
- b) Decrease arteriolar vasodilation
- c) Decrease pulp tissue pressure
- d) Increase of venule vascularity permeability

Answer: D

29. Impacted teeth having steep in position instead of extraction:

- a) When risk is greater than the potential benefit in older patient
- b) For the prevention of periodontal disease
- c) To avoid post surgical complication
- d) For the prevention of alveolar osteitis

Answer: A

30. Duplication of model can be done by:

- a) Compound impression material
- b) Alginate
- c) Zinc oxide eugenol material
- d) Agar Agar

Answer: D

31. The most common site of ameloblastoma is:

- a) Maxillary molar region
- b) Mandibular premolar region
- c) Mandibular molar region
- d) Maxillary premolar region

Answer: C

32. A patient aged 8 years with skeletal anterior open bite is treated with:

- a) Posterior bite plane
- b) Frankel appliance with high pull head gear
- c) Posterior osteotomy to reposition posterior segment
- d) Box elastic with fixed appliance

Answer: B

33. The maxillo-mandibular relationship is expressed in:

- a) SNA angle
- b) SNB angle
- c) ANB angle
- d) IMPA angle

Answer: C

34. Treatment objective of class II Div I malocclusion is:

- a) Relief of gingival trauma
- b) Correction of buccal segment relationship
- c) Deep overbite is reduce

- d) Reduction of over jet and overbite

Answer: D

35. Apex locator is helpful in patient with which of the following?

- a) With implanted cardiac pacemaker
- b) With high palatal vault
- c) With obliterated root canal
- d) With missed canal

Answer: A

36. An epithelial origin tumor is:

- a) Adenocarcinoma
- b) Lipoma
- c) Squamous cell carcinoma
- d) Fibroma

Answer: C

37. Which syndrome is associated with missing teeth?

- a) Gardner syndrome
- b) Edward's syndrome
- c) Ricket
- d) Cherubism

Answer: A

38. The commonest lining material is:

- a) Zinc oxide eugenol cement
- b) Glass ionomer cement
- c) Calcium hydroxide
- d) Polycarboxylate cement

Answer: B

39. Overbite normally is:

- a) 1-2 mm
- b) 2-3 mm
- c) 3-4 mm
- d) 2-4 mm

Answer: B

40. Dry socket is:

- a) A result from loss of blood clot in socket
- b) A form of osteomyelitis
- c) Treated with metronidazole
- d) Common in extraction of anterior teeth

Answer: A

41. A hand piece can be best sterilized chemically by:

- a) Hydrogen per oxide
- b) Boric acid solution
- c) 2 percent glutaraldehyde solution
- d) 2 percent glutaraldehyde solution

Answer: C

42. Cotton wool appearance on X-ray may be due to:

- a) Acute suppurative osteomyelitis
- b) Chronic supportive osteomyelitis
- c) Diffuse sclerising osteomyelitis
- d) Proliferative periostitis

Answer: C

43. Support of class II filling is derived from:

- a) Point angle
- b) Pulpal and gingival floor
- c) Pulpal and axial wall
- d) Line angles

Answer: C

44. Sociocultural barrier of communication is:

- a) Emotional disturbance
- b) Noise
- c) Religious barrier
- d) Education

Answer: C

45. Which of the following method of sterilization is ineffective?

- a) Ethylene oxide gas
- b) UV radiation
- c) Hot air oven
- d) Gamma radiation

Answer: B

46. Which cement should not be used under composite?

- a) Zinc phosphate
- b) Glass ionomer
- c) Calcium hydroxide
- d) Zinc oxide eugenol

Answer: D

47. For taking primary impression of a patient with cleft palate, the material of choice is:

- a) Alginate
- b) Silicon
- c) Impression compound
- d) Gutta percha

Answer: A

48. Ceramic teeth:

- a) Do not bond to denture base
- b) Is easy to polish
- c) Do not wear the natural teeth
- d) Will be stained

Answer: A

49. Sella turcica lies above the:

- a) Frontal sinus
- b) Pons
- c) Foramen ovale
- d) Sphenoidal sinus

Answer: D

50. In complete dental prosthesis border moulding is done by:

- a) Green stick compound
- b) Modeling wax
- c) Silicon elastomer
- d) Utility wax

Answer: A

51. Epithelial cell rests of Malassez are remnants of:

- a) Odontoblast
- b) Cementoblast
- c) Epithelial root sheath
- d) Teeth of the deciduous dentition

Answer: C

52. A seven years old boy came to you with a fructose of maxillary central incisor heaving 2mm pulp exposure. Line of treatment is:

- a) Apexification
- b) Apexogenesis
- c) Pulp capping
- d) Pulpotomy

Answer: B

53. The primary mandibular second molar resembles:

- a) Maxillary 1st permanent molar
- b) Mandibular 1st permanent molar
- c) Maxillary 2nd permanent molar
- d) Mandibular 2nd permanent molar

Answer: B

54. During firing of porcelain:

- a) It liquefies completely
- b) Shrinkage occur
- c) Particles are gradually fused together
- d) Oxides bind all elements

Answer: B

55. Anti bacterial activity of topical fluoride concentration is:

- a) 1000 PPM
- b) 1500 PPM
- c) 900 PPM
- d) 12000 PPM

Answer: D

56. Macro mechanical minimal preparation bridge is:

- a) Adhesive bridge
- b) Mary land bridge
- c) Rochette bridge
- d) Conventional bridge

Answer: C

57. The statement about trigeminal neuralgia is:

- a) Night pain
- b) Bilateral pain presentation
- c) Relation of pain with thermal changes
- d) Period of remission of pain

Answer: D

58. The action of a mono-bloc is:

- a) Tongue force is activated
- b) Muscle force is exerted on to the mandible
- c) Force is exerted on tooth
- d) Condylar adaptation by backward growth

Answer: B

59. During casting sprue should be located at:

- a) Thickest portion of wax
- b) The thinnest portion of wax
- c) The margin wax
- d) Any where

Answer: A

60. The ideal occlusal clearance for a complete cast crown is:

- a) 0.5 mm
- b) 1.5 mm
- c) 2.0 mm
- d) 2.5 mm

Answer: B

61. Most appropriate condensation pressure required during condensation of amalgam restoration should be in the range of:

- a) 1-4 pound
- b) 4-8 pound
- c) 8-12 pound
- d) 12-16 pound

Answer: C

62. For implant treatment the length and width of bone can be measured by using:

- a) Study model
- b) OPG
- c) CBCT
- d) Periapical X-ray

Answer: C

63. DG-16 probe is used to:

- a) Locate proximal caries
- b) Locate root caries
- c) Locate canal orifice
- d) Measure depth of periodontal pocket

Answer: C

64. Clinical characteristics of sore tongue is:

- a) Burning mouth syndrome
- b) Median rhomboid glossitis
- c) Black hairy tongue
- d) HIV related hairy leukoplakia

Answer: A

65. Condensation pressure required during amalgam restoration should be:

- a) 1-4 Pounds
- b) 4-8 Pounds
- c) 8-12 Pounds
- d) 12-16 Pounds

Answer: C

66. Which one of the following is the clinical feature of class-II, div-I malocclusion:

- a) Convex profile
- b) Competent lip
- c) Incompetent lip
- d) Hypoactive mentalis muscle

Answer: C

67. Primary retention of composite cement can be achieved by:

- a) Micromechanical bonding
- b) Groove
- c) Pin
- d) Locus

Answer: A

68. In Ludwig's angina space does not involve involved is:

- a) Sublingual space
- b) Submandibular space
- c) Submental space
- d) Lateral pharyngeal space

Answer: D

69. Which one is the limiting structure for complete denture?

- a) Hard palate
- b) Rugae
- c) Labial frenum
- d) Maxillary tuberosity

Answer: C

70. Complication of surgical flap design is:

- a) Flap necrosis
- b) Ulceration
- c) Keloid formation
- d) Abscess formation

Answer: A

71. Which of following is the function of insulin?

- a) Promotes glycogenesis
- b) Inhibits glycogenolysis
- c) Inhibits glycolysis
- d) Promotes lipolysis

Answer: A

72. Onchophagia is the other name of:

- a) Finger biting habit
- b) Mouth breathing habit
- c) Nail biting habit
- d) Disorder involving the nail

Answer: C

73. Most important factor in producing cariogenic biofilm is:

- a) Bacteria
- b) Tooth anatomy
- c) Sucrose
- d) Acquired pellicle

Answer: C

74. An immediate denture restores:

- a) Original vertical dimension
- b) Extension of the denture base
- c) Gingival margin
- d) Color of gingiva

Answer: A

75. For ART we prefer:

- a) ZnO eugenol filling
- b) Any phosphate filling
- c) Glassionemer filling
- d) Composite filling

Answer: C

76. Local complication of local anesthesia injection is:

- a) Syncope
- b) Hematoma
- c) Cardio pulmonary emergency
- d) Trismus

Answer: B

77. Gutta percha is sterilized by:

- a) Autoclaving
- b) Dry heat
- c) Glutar aldehyde
- d) Sodium hypochloride

Answer: D

78. Local anesthesia works by preventing:

- a) Reorientation of nerve membrane
- b) Depolarization of nerve membrane
- c) Reorganization of nerve membrane
- d) Recapitulation of nerve membrane

Answer: B

79. Important aid in distinguishing endodontic lesions from non-endodontic lesions is:

- a) Radiographic location
- b) Radiographic appearance
- c) Patient history
- d) Pulp vitality test

Answer: D

80. Final finishing GIF is done after:

- a) 24 hours
- b) 06 months
- c) 12 hours
- d) 1 week

Answer: A

81. Access cavity shape in mandibular first molar with four canals is:

- a) Round
- b) Trapezoid
- c) Oval
- d) Triangular

Answer: B

82. The most commonly used in implant dentistry is:

- a) Gold
- b) Silver
- c) Stainless steel
- d) Titanium

Answer: D

83. Inflammatory jaw cyst is:

- a) Eruption cyst
- b) Odontogenic keratocyst
- c) Gingival cyst of adult
- d) Radicular cyst

Answer: D

84. Indication for serial extraction is:

- a) Convex profile
- b) Class-I malocclusion with mild crowding
- c) Concave profile
- d) Straight profile

Answer: A

85. Hepatic gingivostomatitis is caused by:

- a) HSV1
- b) HSV2
- c) HSV3
- d) HSV4

Answer: A

86. Most common cell found in granulomas is:

- a) Giant cell
- b) Mast cell
- c) Lymphocyte
- d) Neutrophil

Answer: C

87. Which statement is false for tertiary syphilis?

- a) It is malignant tumor
- b) Characterized by syphilitic glossitis
- c) Tertiary syphilitic ulcer is known as snail track ulcer
- d) Perforation on the hard palate

Answer: A

88. Apex locator is helpful in patients with which of the following?

- a) With implanted cardiac pacemaker
- b) With high palatal vault
- c) With strong gag reflex
- d) With nonvital open Apex

Answer: D

89. Acute apical abscess is usually a result of:

- a) Occlusal interference
- b) Periodontal pocket
- c) Chronic gingivitis
- d) Necrotic pulp

Answer: D

90. Denture stomatitis is caused by:

- a) Ill fitting denture
- b) Rebased denture
- c) Relined denture
- d) Fractured denture

Answer: A

91. The most common space maintenance appliance is:

- a) Temporary retainer
- b) Howley retainer
- c) An old RPD
- d) Wire fixation

Answer: A

92. Multiple canals in lower pre molars occurs most often in:

- a) Asian people
- b) African American people
- c) Caucasians people
- d) No difference by ethnicity

Answer: A

93. Preventive orthodontic includes:

- a) Application of pits and fissure sealant after eruption of molars teeth
- b) Management of diastema
- c) Correction of developing anterior cross bite
- d) Correction of ectopically eruption of teeth

Answer: A

94. The medical and dental waste in yellow bag should be disposed by:

- a) Deep burial
- b) Chemical treatment
- c) Autoclave
- d) Autoclave and chemical

Answer: A

95. In class II div-2 malocclusion is always associated with:

- a) Cross bite
- b) Scissor bite
- c) Deep bite
- d) Open bite

Answer: C

96. The causative bacteria for dental caries is:

- a) Lactobacilli
- b) S. Mutans
- c) Actinomyces
- d) Staphylococcus

Answer: B

97. Which one is histopathological examination?

- a) FNAC
- b) Exfoliative cytology
- c) Excisional biopsy
- d) Immunofluorescent test

Answer: C

98. Skeletal classification of malocclusion was given by:

- a) EH angle
- b) Paul Simon
- c) Calvin Case
- d) Martin Dewey

Answer: C

99. The causes of failure of casting are except:

- a) Adequate force
- b) Adequate tend
- c) Weak investment
- d) Use of reserver

Answer: A

100. The failure of a carbon hydroxide pulpotomy done on a primary first molar is due to:

- a) External resorption
- b) Internal resorption
- c) Pulp calcification
- d) Calcific metamorphosis

Answer: B