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1) Clampshell technique used for harvesting which graft?

A) Iliac cortical-cancellous graft

B) rib graft

C) posterior iliac graft

D) iliac cancellous graft

2) compression osteosynthesis first used for what?

A) fusion of bone graft for osteosynthesis

B) fibrous/ nonunion bone synthesis

C) to avoid overproduction of bone in distraction osteosynthesis

D)

3) distraction osteosynthesis latent period for 8 months old child?

A) 5-7 days

b) 0-2 days

C) 21-30 days

D) 3-4 weeks

4) All of the following for piezoelectric instrument is true except:

A) It has back and forth piston in motion

B) It generates less heat

C) It operate at 40 kHz

D) It has figure of eight motion

5) If soft palate is paralysis what u will not see?

- A) Cleft palate arch
- B) Nasal twang
- C) Nasal regurgitation
- D) Flat palate

6) In Lefort 1 osteotomy blood supply maintained by:

- A) Greater palatine
- B) ascending pharyngeal artery
- C) posterior superior artery
- D) anterior Superior artery

7) In severe maxillofacial trauma infection spread in which of the following danger space?

- A) In posterior triangle posterior to carotid sheath
- B) carotid sheath
- C) posterior to prevertebral space
- D) space between alar and prevertebral space

8) GNAS 1 gene over expression in preembryonic life produce which of the following?

- A) cherubism
- B) Mc Albright syndrome
- C) Jaffey ..... syndrome
- D) hyperparathyroidism

9) Growth and invasion in ameloblastoma occur due to over expression which gene?

- A) bcl-2
- B) P53
- C) FGF
- D) MMPs

10) In T2N0 lateral border of tongue carcinoma what will be preferred approach?

- A) SOMHND
- B) Type 1-2 level lymphnode dissection
- C) Type 1-4 level lymphnode neck dissection
- D) Type 1-5 level lymphnode neck dissection

11) In spleenectomized patient is at high risk for?

- A) Anaerobic Gram positive
- B) Anaerobic Gram positive
- C) Non capsulated
- D) Encapsulated

12) Fracture in pediatric patient displaced in which direction?

- A) Downward and forward
- B) Downward and backward
- C) Straight superior inferior line
- D) Zigzag due to tooth bud

13) CBCT imaging used in which type of malocclusion?

- A) Skeletal Class 2 div 1
- B) Mandibular prognathism
- C) Mandibular collasping arch and crowding
- D) Bilaterally impacted mandibular canine

14) 90 degree activation in pendulum appliance generate how much force?

- A) 125 mg
- B) 75
- C) 350
- D) 250

15) Hemophilia B patient require which of the following for major maxillofacial surgery?

- A) 80-100 units for 6 hrs
- B) 80-100 units for 12 hrs
- C) 80-100 units for 24 hrs
- D) 60 units for 6 hrs

16) In treatment of mandibular angle fracture most complication occur in which treatment?

- A) Inter maxillary fixation
- B) 2 AO plate
- C) Reconstruction plate
- D) champ's plate

17) Histologically and morphologically TMJ related to which of the following

- A) 5th costochondral graft
- B) 3rd metatarsal graft
- C) Sternoclavicular
- D) Distraction osteosynthesis

18) In swelling <2cm size and responding to salisilicate?

- A) Osteoma
- B) Osteochondroma
- C) Osteoidosteoma
- D) Osteoblastoma

19) Which does not cross blood brain barrier?

- A) Penicilline
- B) Netilmycin
- C) Clindamycin
- D) Ceftazidime

20) Tuff cells are located to?

- A) Synovial membrane of TMJ
- B) Duct of submandibular salivary gland
- C) Maxillary sinus
- D) Cell rich zone

21) In which of the following cyst are associated with vital tooth:

- A) Dentigerous cyst, lateral periodontal cyst, odontogenic keratocyst, globulomaxillary cyst
- B) Dentigerous cyst, , odontogenic keratocyst, globulomaxillary cyst.radicluar cyst
- C) Dentigerous cyst, lateral periodontal cyst, odontogenic keratocyst, radicluar cyst
- D) Dentigerous cyst, odontogenic keratocyst, globulomaxillary cyst

22) Melanotic tumor necrosis of infancy seen in which of the following?

- A) Maxilla
- B) Mandible
- C) Ethmoid
- D) Cervical spine

23) Fracture of zygomatic arch which of the following is true?

- A) Through zygomatic suture
- B) Anterior to zygomatic suture
- C) Posterior to zygomatic suture
- D)

24) Hyperbaric oxygen therapy is indicated in all except:

- A) Spherocytosis
- B) Glucoma
- C) Recurrent of tumor
- D) Anemia

25) X rays are absorbed and produce damage to skin and deeper structure

- A) Central rays
- B) Penetrating rays
- C) Aluminum filtered rays
- D) X rays of short wave length

26) woman complaint of deviation of mandible on opening and bone mass which is pointing toward lateral pterygoid on panorex image suggest?

- A) osteochondroma
- B) osteosarcoma
- C) osteoblastoma
- D) condylar hyperplasia

27) Open reduction and intermaxillary fixation required in?

- A) Laterally displaced
- B) Stump is not attached
- C) 20 degree rotation
- D)

28)  $P < 0.001$  indicate

- A) It is true for 99.9% population
- B) It is not significant
- C) It suggest there is 1% co relation between values
- D) Greater chance of correlation of values

29) histologically giant cell granuloma related to

- A) fibrous dysplasia
- B) paget,s disease of bone
- C) osteosarcoma
- D)

30) Skin and oral lesions are most commonly seen in

- A) Monocytic
- B) Myelocytic
- C) Lymphoblastic
- D) Aleukemia

31) Initially cliking of TMJ heard during

- A) Disc anterior to condyle
- B) Disc posterior to condyle
- C) Rough surface
- D) Perforation of disk

32) 18 years old lady complaint of her anesthetic, about “brown teeth” and also gives history that her two brothers have same condition and there is chipping of enamel and there is no history of trauma and no caries and radiograph shows pulp chamber obliteration and short root what will u suspect diagnosis?

- A) Amelogenesis imperfect
- B) Dentinogenesis imperfecta 1
- C) Dentingensis imperfecat 2
- D) Fluorosis

33) Mandible dislocation most commonly seen in?

- A) Prochlorperazine
- B) Carbamazepine
- C) Diphenhydramine
- D)

34) In which tooth pulpal floor perpendicular to occlusion plane leads maximum chance of pulpal exposure?

- A) Maxillary 1<sup>st</sup> premolar
- B) Mandibular 1st premolar
- C) Maxillary molar
- D) Mandibular molar

35) Which of the following is present in supragingival calculus

- A) Hydroxylapatite crystals and Octacalcium phosphate
- B) Hydroxylapatite crystals and brushite
- C) Octacalcium phosphate and brushite
- D) Magnesium whitlock and brushite

36) Winged rubber dam clamp allows all of the following except?

- A) Location of master apical cone
- B) Allows facial and lingual retraction of dam
- C) Retention of dam, clamp and
- D)

37) cavernous sinus thrombosis occur due to infection from

- A) maxillary sinus
- B) ethmoid sinus
- C) pterygoid plexus
- D) .....

38) White yellow soft deposits seen in patients of ANUG

- A) pseudomembrane
- B) pyogenic membrane
- C) material alba
- D) ?????

39) which of the following does not occur on gingiva?

- A) pemphigoid
- B) herpes zoster
- C) herpes simplex
- D) recurrent apthea

40) Which of the following is least painful?

- A) Buccal mucosa
- B) Labial mucosa
- C) Gingival
- D) Dorsum of tongue

41) Metallic oxide used in porcelain for?

- A) Increased strength
- B) Increased bonding
- C) Colour
- D) all of the above

42) Black Bluish pigmentation on areas of pre existing gingival inflammation

- A) Bismuth
- B) Arsenic
- C) Lead
- D) Mercury

43) Infection from lower lip drain in to

- A) Brachio cephalic vein
- B) Inferior labial artery
- C) Inferior labial vein
- D) Pterygoid plexus

44) 8 year old child comes to dental office within a 20 min of injury, has avulsed tooth which gets contaminated by dirt what is preferred approach?

- A) Rinse with hypotonic saline and replant
- B) Rinse with saline and reimplant
- C) Scrub root surface and reimplant
- D) Scrub and sterilize and reimplant

45) Least desirable method for preserving teeth?

- A) Saline
- B) Saliva
- C) Water
- D) Hank's balanced salt solution

46) After intracoronal bleaching if acid etching is required for an aesthetic composite restoration restorations immediately

- A) Rinse with catalase for 3 min
- B) Rinse with 3 times normal saline
- C) Cannot be done without waiting for minimum 7 days

D) Irrigation with 3% H<sub>2</sub>O<sub>2</sub> and ultrasonic

47) Radiolucent lesion from 36 to 44, vital multilocular, negative aspiration suggest

A) Aneurysmal bone cyst

B) Central giant cell granuloma

C) Radicular

D) Ameloblastoma

48) How would you difference PCD and Periapicalgranuloma

A) Histology

B) Root canal culture

C) Vitality

D) Radiography

49) Which of the following used for herpes simplex

A) Stain with giesma

B) Stain with wright

C) Fluorescent tech

D) Cytological smear

50) Dye injected in to superior and inferior joint space of TMJ for?

A) Arthrography

B) Arthroscopy

C) Arthroplasty

D) Ortho garphy

51) Gunshot injury leads to comminuted fracture of mandible. Which of the following best approach to treat

- A) Bag of bolus
- B) Reconstruction plate
- C) load baring and load sharing osteosynthesis

52) What will prefer for distraction osteosynthesis for child?

- A) Increase rate
- B) Increase rhythm
- C) Increase force
- D) Increase consolidation

53) How much ..... Between centric relation and centric occlusion or freedom of centric

- A) 1.2 to 2.0 mm
- B) 0.5 to 1.5 mm
- C) 1.5 to 3.5 mm
- D) 2.0 to 4.0 mm

54) In CT metastatic node which of the following not seen?

- A) Necrosis
- B) >6 mm
- C) Round
- D) Speculated

55) Surgical repair of cleft palate which of the following occur?

- A) Anterior open bite
- B) Bilateral baccal and anterior cross bite
- C) Anterior deep bite
- D) Internally rotated central incisor

56) Alkaline phosphatase is increased in all except

- A) Paget's disease
- B) Fibrous dysplasia
- C) Osteomyelitis
- D) Hyperparathyroidism

57) 14 year old child with skeletal class 2 which space analysis will be helpful for extraction or non extraction cases?

- A) Ashley Howe's analysis
- B) Bolton's analysis
- C) Pont's analysis
- D) Peck and peck analysis

58) Which of the following is associated with increase in height and interdental spacing in mandible?

- A) Hyperthyroidism
- B) Hypothyroidism
- C) Hypopituitarism
- D) Hyperpituitarism

59) fovea palatina due to which of the following

- A) due to opening of minor salivary glands

60) prosthetic valve replacement patient will require

- A) 1g of penicillin before 2 hrs
- B) 2g of penicillin before 1 hr
- C) 500 mg penicillin before 1 hr
- D) ?????

61) All of the following are correct for TMJ ankylosis theories except?

- A) Seepage of synovial fluid
- B) Brust theory
- C) Trauma and fusion of TMJ with zygomatic
- D) Calcium absorbs????

62) Extensibility of tongue seen in?

Ans: Ehler-Danlos

63) Difference in depth between Class 2 inlay and Class 2 amalgam cavity preparation?

- A) Increase for amalgam
- B) Increase for inlay
- C) Same for both restorations
- D) None of the above

64) Retention points located in class V amalgam cavity preparation

- A) Mesial and distal walls
- B) Gingival and occlusal wall
- C) Axial wall
- D) not related

65) Bulging of interdental papillae while application rubber dam?

- A) Holes are far apart
- B) Holes are close together
- C) Inflamed gingival
- D)

70) While preparing MO cavity for amalgam which of the following associated with resistance form

- A) Pin use for restoration
- B) Groove in axial walls
- C) Occlusal dovetail preparation
- D) Bevelling axiopulpal line angle

71) Which of the following has maximum chance for transformation to osteosarcoma?

- A) Paget's disease and polyostotic fibrous dysplasia

72) Bell's palsy is due to

- A) upper motor neuron
- B) lower motor neuron

73) Which of the following secrete in frey's syndrome?

- A) Acetylcholine
- B) nor epinephrine
- C) Epinephrine
- D) Serotonin

74) Not attached to oblique line of thyroid?

- A) Middle constrictor
- B) Superior constrictor
- C) Thyrohyoid
- D) Sternohyoid

75) CSF rhinorrhea diagnosed by all except?

- A) Tram line crack
- B) Beta 2 transferrin
- C) Increases in glucose
- D) Increase in protein

76) In maxillary 1<sup>st</sup> premolar radiograph if facial root located to distal, direction of cone?

- A) perpendicular to tooth
- B)????
- C) Central ray directed from distal to tooth
- D) Central rays directed from mesial to tooth

77) Damage by radiation to tissue by which effect?

- A) Ionizing
- B) Precipitation
- C) Agglutination
- D) Somatic

78) 3 wall defect most commonly occur in which area of tooth?

- A) facial
- B) Lingual
- C) Interdental
- D) Furcation area

79) Plateau like area formed due to resorption of the thick bony plates??

- A) Ledges
- B) Exostosis
- C) Osseous craters
- D) Reverse architecturr

80) Which of the following first clinical symptom of juvenile periodontitis?

- A) Root sensitivity
- B) Constant dull radiating pain
- C) Periodontal pocket
- D) Migration of incisors and molars

81) Which of the following is caries protecting?

- A) dextran like extracellular matrix

82) Nasolabial cyst derived from:

- A) Remnants of rest of sarre
- B) Remnants of embryonic lacrimal duct
- C) Remnants of dental lamina
- D) Remnants of cell rests of malaises

83) Etching time of floured tooth

- A) 15 -20 sec
- B) 25- 30 sec
- C) 60 -90 sec
- D) cannot be related

84) In radiograph of mandibular third molar there is narrowing and blurring of inferior alveolar canal appearance seen what it suggest?

- A) Superimposition of root and canal
- B) Nerve passing between two roots
- C) Root perforate canal
- D) It is a radiographic artifact

85) Nikolky's sign seen in?

- A) Pemphigus
- B) Lichen planus
- C) Leukoplakia
- D)??

86) Most common determinant factor in irrigation of solution

A) Quantity of solution

B)

87) mercury content in ore measured capsule?

A) 50- 55% by mercury weight

B) 40-45% by mercury weight

C) 60-65% by mercury weight

D) 70-75% by mercury weight

88) A patient has an infectious process associated with the maxillary right lateral incisor. The tooth is deeply carious and non restorable. His temp is 102 f. the patient has not able to chew for the past 24 hrs. The patient cannot open his right eye. The swelling is soft and palpable and tissue rebound in pressure. Treatment of this patient?

A) Aspiration

B) Incision and drainage

C) Injection of a sclerosing solution

D) Antibiotic, heat and fluid

89) Most common cause for osteoradio necrosis?

A) Thrombophlebitis

B) Embolism

C) End arteries obliteration

D)???

90) Retentive arm is directed at?

A) Gingivally

B) Medially

C) Occlusally

D) Cervical



