

# AIPG 2012 MDS QUESTION PAPER By DR. GIRISH ARYAN

- 1) Spheno-occipital suture closes at
  - a) 9 years
  - b) 13 years
  - c) 16 years
  
- 2) CREST syndrome includes all except
  - a) Calcinosis
  - b) Raynaud 's phenomenon
  - c) Syndactyly
  - d) Endocrinopathies
  
- 3) Behcet' s syndrome includes all except
  - 1) Neuro-ocular involvement
  - 2) Arthritis
  - 3) Hepatic-splenic involvement
  - 4) Muco-cutaneous ulcers
  
- 4) Pharyngotympanic tube is supplied by all except
  - a) Ascending pharyngeal
  - b) Ascending palatine
  - c) Middle meningeal artery
  - d) Artery of pterygoid canal
  
- 5) Bilateral mandibular involvement is seen in
  - a) Cherubism
  - b. osteoma
  - c.
  - d.
  
- 6) [5] is repeated twice in the paper
- 7) "Spaces" in healthy individual are filled by
  - a) Air
  - b) water
  - c) Fibrous connective tissue
  - Loose connective tissue
  
- 8) Facial nerve paralysis following inferior alveolar nerve block is due to needle in
  - a) Buccinator
  - b) Temporalis
  - c) Parotid gland
  - d) Medial pterygoid
  
- 9) Minimum Glasgow Coma Scale
  - a) 0
  - b) 3
  - c) 5
  - d) 15

10) APGAR scale in infant measures

- a) Respiratory, Neurological and Circulatory index
- b) respiratory, neurologic, renal system
- c)
- d)

11) Role of placenta in fluoride transport to foetus. Which one is false??

- a) No role of placenta
- b) Acts as a barrier
- c) Regulator of fluoride and concentration reaching foetus is lower than maternal levels
- d) Regulator of fluoride and concentration reaching foetus is higher maternal levels

12) Not involved in inflammation?

- a) PG
- b) Interferon
- c) TNF
- d) Myeloperoxidase

13) Edema in Nephrotic syndrome is due to?

- a) Sodium and water retention
- b) low plasma proteins
- c)
- d)

14) Apoptosis is

- a) Programmed cell death
- b)
- c)
- d)

15) Similarity of amalgam and porcelain is

- a) High compressive but low tensile strength
- b) Both are same
- c) High compressive and high tensile strength
- d) increased working and setting time

16)  $p = 0.04$ ???

- a. significance 60% and not significant 40%
- b.
- c.
- d.

17) minimum time period before attempting ortho treatment in a tooth with root fracture?

- a 6 month
- b 1 year
- c. 3 month
- d.

18) specificity 75?? ( repeat from aipg dental 2010)

- a.
- b.

- c.
- d.

19) intrusion in 3.7 year child 51, with radiograph showing shortening of 51, treatment is??

- a wait n watch
- b
- c
- d

20) CBCT stands for

- a cone beam computer tomography
- b coil beam CT
- c combined beam CT
- d circular beam CT

21 hyperparathyroidism not ass with??

- a inc PHOSphate level
- b increase calcium level
- c alkaline phosphatase increased
- d

22) forcep of choice for 3rd molar xtrxn to retract LINGUAL flap

- a HOWARTH
- b austin
- c makes no difference in results
- d

23 oxygen supply of free graft is best confirmed by

- a pulse oximetry
- b laser doppler velocitometry
- c. prick test
- d. flourosopy ????

24 methylene blue is used to treat

- a lidocaine toxicity
- b methemoglobinemia
- c. oxygen toxicity
- d crohn's disease

25 false about \_\_\_\_ technique in pedo

- a
- b
- c) infiltration in mandible instead of block
- d

26 eruption in 2 stages suggested by a orban and gottlieb

- b Massler and Schour
- c
- d

27 lip parasthesia occur most commonly in # of

- a condyle
- b coronoid
- c symphysis
- d. body

28 teratogen staining

- a tetracycline
- b
- c
- d

29 while working with dental materials factor c is associated with:

- a) carving of amalgam
- b)condensation of amalgam
- c)polymerisation shrinkage
- d

30 most definite way to differentiate b/w periapical cemental displacement and periapical granuloma .

- a.cultures from root
- . b : x ray
- c: vitality test opt
- d

31 south asian population have in common

- 1.infection
- 2.unknown
- 3.trauma
- 4.congenital

32 iron absorption is not interfered by:

- 1.milk
- 2.calcium
- 3.sodium chloride
- 4.vit. c

33 vitamin B6 another name:

- 1.pyridoxine
- b thiamine
- c riboflavin
- d niacin

34 wilms tumor seen in

- 1.kidney
- 2.lung
- 3.liver
- 4. heart

35 all the diseases have abnormal clotting factors except

- 1.thalassemia
- 2.Brufen therapy
- 3.christmas disease

4.von villebrand factr

36 amalgam and composite have in both

- 1.high compressive strength and low tensile strength
- 2.increase working tym and setting time
- 3.both compressive and tensile strength same
- 4

37 tooth discolouration due to hyperbilirubinemia

- 1.ochronosis
- 2.pink tooth of murmery
- 3.Chlorodontia
- 4 Leong teeth

38 carotid artery palpation at

- 1] upper border of thyroid cartilage
2. lower border of thyroid cartilage
- c
- d

39 carotid body function

- 1) measures the change in po<sub>2</sub> in arterial
- 2 measure pO<sub>2</sub> in venous blood
- c
- d

40 ethmoid sinus is supplied by:-

- 1.nasocilliary nerve
- 2.frontal
- 3.lacrimal
- 4.

41 which f the following are not the

- 1.intra cellular fluid
- 2.peritonal fluid
- 3.inerstitial fluid
- 4.blood plasma

42 Which of the following is used in cancer study

- a. Bar diagram
- b. Line diagram
- c.pie diagram
- d.stem and leaf

43 anug best drug in a 8 year old child..

- 1 2nd gen cephalosporin
- 2 aminoglycoside
- 3 penicillin

44 CAT accc to AAPD not include white opalacent on 1 tooth gen. hypoplasia initial demineralization  
child with special problems/needs

45 Anticarcinogenic vitamin is

- a) Vitamin A
- b) Vitamin C
- c) Vitamin E
- d) Vitamin K

46 pigment in bile??

bile pigment

alpha mercaptopuric acid

47 staining of teeth by bile/erythro ?

chlorodontia

ochronosis

Leong teeth

Pink tooth of mummery

48 While recording condylar guidance in a three pin articulator, the incisal pin should be ?

- a) out of contact
- b) touching incisal table
- c)
- d) not significant

49 Tuft cell receptors

50. Children-fractures follow zigzag line

51 Dermal and oral manifestations maximum in which type of leukemia?

53 Three mix antibiotic paste includes the following in endodontics

- a) Ciprofloxacin, Metronidazole, Minocycline
- b) Cephelexin, Minocycline and Ciprofloxacin
- c)
- d)

53 Minocycline is not used in the 3 mix antibiotic paste because of ONLY one adverse effect

- a) Discolouration effects...
- b)
- c)
- d)

54 Pneumatic bone is all except?

- a) Mastoid
- b) Mandible
- c) Frontal
- d) ethmoid

55 One of the bones named below reaches its adult size at birth!

- a)Ossicles
- b)Parietal
- c)Mastoid
- d)

56 Bile acid pool works????

8 times a day

2 times between meals

57 "Stunned pulp" is...

- a) "Stunning appearance" on radiograph
- b)doesn't respond to vitality tests before 6- 8 weeks

58 Hanging drop appearance on radiograph

- a)Nasal polyp
- b)Antrolith
- c)Blow out fractures

59 Incubation period of herpes zoster virus?

- a)1- 2 years
- b)1- 2 days
- c)7- 14 days
- d. 3-6 months

60 All of the following are supplied from the anterior trunk of mandibular division of trigeminal nerve except?

- a)Temporalis
- b)Medial pterygoid
- c)Lateral pterygoid
- d)Masseter

61 there is intrusion of 51 in a child and r/f shows foreshortened image. probable treatment is:

1. wait and watch
2. immediately xtract
- 3.Splint

62 Bile has colour because of the pigment

- a)Bilirubin
- b) alpha mercatopurine
- c) creatinine
- d)

63 Caries assessment in children- which one is not high risk factor

- a) Enamel hypoplasia
- b)Anterior teeth with plaque
- c)White spot
- d)

64 Sterilisation is:

1. deactivating all pathogenic and non pthgenic organisms bt nt spores
2. killing of all organisms

3. killing of pathogenic organisms

4.

65 culture media for viruses

1. Sabouraud agar
2. non embryonated hen's eggs
3. embryonated eggs
4. \_\_\_\_\_ blood agar

66 movement that is least likely to be present in bilateral sagittal split osteotomy???

1. set back
2. advancement
- 3 rotation
- 4 transverse movement

67 Distraction osteogenesis works on the principle

- a) Traction
- b) Compression
- c) Torsion

68 Phenylketonuria is a disease due to?

- a) Improper metabolism of amino acids
- b) Improper metabolism of carbohydrates
- c. improper metabolism of enzymes
- d. inability to convert fatty acids into carbohydrates?

69 In a person who takes more amount of carbohydrate, it is stored as

- a) Glycogen
- b) Fatty acids
- c) proteins

70 Maltose which is produced as a breakdown of starch is

- a) Disaccharide
- b) Monosaccharide
- c) Polysaccharide

71 One of the following is absorbed in stomach.

- a) Alcohol
- b) Fatty acids

72 Taste buds on tongue are supplied by-

- a) V C.N
- b) VII C.N
- c) IX CN
- d) X C.N

73) Aschoff nodules are seen in -

- a) SLE
- b) Libman endocarditis
- c) rheumatic carditis

74) In Le-Fort osteotomy, all can be done except-



- a) set back
- b) advancement
- c) rotation
- d) transverse

75) True about caries, all except-

- a) Infectious and transmissible
- b) not due to microorganisms

76) In interproximal plaque, pH drops for-

- a) 20 mins
- b) 60 mins
- c) 120 mins
- d) 180 mins

77) Over usage of isoniazid leads to deficiency of-

- a) pyridoxine
- b)

79) Lactic acidosis takes place in the deficiency of-

- d) pantothenic acid
- d) pyridoxine
- thiamine

80) Which vitamin has no role in development of tooth-

- a) Vit A
- b) Vit D
- c) Vit C
- d) Vit E

81) Embryonic Hb-

- a) beta-gamma
- b) epsilon -zeta
- c) alpha gamma

82) A pregnant female in syncope should be placed in-

- a) right lateral
- b) left lateral
- c) Trendelenburg
- head down towards feet

83) Improper margins of SSC in a child patient is irritating to the tissues because

- a) Entrapment of plaque
- b) Metal ions
- luting cement
- irritant metal surface of crown

84) Leeway space of Nance is :-

- a) Space difference between the maxillary lateral and canine

85) Flush terminal plane results in

- a) Class I

- b)Class II
- c)Class III
- d)Edge to Edge

86 The occlusion in normal permanent dentition established by

- a)Early mesial shift
  - b)Late mesial shift
- cone funnel mechanism

87 Stony hard on percussion,

- a)Replaceme