Assistant Surgeon Dental

Sr. No.	Question Body and Alternatives
1	_____ nucleus of Thalamus receives the general sensations from head & face. A) Medial dorsal B) Medial ventral C) Ventral posterolateral D) Ventral posteromedial
2	Intercalated discs are seen in A) Cardiac muscle B) Skeletal muscle C) Smooth muscle D) Non-striated muscle
3	Enamel is formed by A) Odontoblasts B) Cementoblasts C) Ameloblasts D) Dental cuticle
4	The Kiesselbach’s plexus is formed by the following arteries except A) Anterior ethmoidal artery B) Sphenopalatine artery C) Greater palatine artery D) Posterior ethmoidal artery
5	Major cation in Intracellular fluid is A) Sodium B) Potassium C) Calcium D) Magnesium

6 Macula densa in kidney is located in

A) PCT

B) End of thick ascending limb

C) Afferent Arteriole

D) Efferent Arteriole

7 The P wave is due to

A) Atrial depolarization

B) Ventricular depolarization

C) Ventricular repolarization

D) Atrial repolarization

8 Heat intolerance is a feature of

A) Hyperthyroidism

B) Hypothyroidism

C) Addison disease

D) Cushing syndrome

9 Which of the following result indicates poor glycemic control?

A) Post prandial blood sugar of 150 mg/dL

B) Serum Cholesterol of 170 mg/dL

C) Glycated Hemoglobin of 10%

D) Blood urea level of 35 mg/dL

10 The most important biological role of Vitamin E is:

A) Blood clotting

B) Antioxidant

C) Bone formation

D) Anticoagulant

11 Which enzyme is used for preparing a recombinant DNA molecule?

A) Restriction endonuclease

B) RNA polymerase

C) DNA polymerase

D) Topoisomerase

12 Which is a feature of hypothyroidism?

A) Increased BMR

B) Decreased TSH levels

C) Decreased T4 levels

D) Weight loss

13 Duration taken by ameloblasts to lay down a 1mm thick enamel

A) 240 days

B) 150 days

C) 400 days

D) 300 days

14 Salivary protein that digests starch by breaking the starch into maltose.

A) Lysozyme

B) Lingual lipase

C) Amylase

D) Statherins

15 Cell rests of Malassez are seen in

A) Jaw bone

B) Periodontal ligament

C) Cementum

D) Cementodentinal junction

16 Odontoblastic processes which pass into the enamel through the dentinoenamel junction are called

A) Enamel tufts

B) Perikymata

C) Enamel spindles

D) Enamel extensions

17 Sequential Steps in Phagocytosis

A) Recognition and attachment, engulfment, killing and degradation

B) Engulfment, Recognition and attachment, killing and degradation

C) Recognition and attachment, killing and degradation, Engulfment

D) Engulfment, killing and degradation, Recognition and attachment

18 Type of embolism seen in deep sea divers is

A) Fat embolism

B) Air embolism

C) Amniotic fluid embolism

D) Pulmonary embolism

19 Type of Reed - Stern berg cell seen in nodular sclerosis type Hodgkins lymphoma

A) Mononucler type

B) Classical type

C) Popcorn type

D) Lacunar type

20 All of the following are example for opportunistic infection in HIV except

A) Tuberculosis

B) Aspergillosis

C) Mucormycosis

D) Malaria

21 Which of the following is a subcutaneous mycosis?

A) Favus

B) Tinea capitis

C) Sporotrichosis

D) Pityriasis versicolor

22 The recommended time for hand washing procedure is

A) 5 – 10 seconds

B) 10 – 20 seconds

C) 30 - 40 seconds

D) 40 – 60 seconds

23 In which of the following Man is an intermediate host

A) Cryptosporidiosis

B) Malaria

C) Guinea worm disease

D) Ascariasis

24 Which of the following is a Mosquito borne infection?

A) Kala azar

B) Scabies

C) Filariasis

D) Poliomyelitis

25 Select the drug which is an 'inodilator' beneficial in refractory congestive heart failure:

A) Nicorandil

B) Amiodarone

C) Amrinone

D) Carvedilol

26 Adrenaline added to local anaesthetic solution for infiltration anaesthesia affords the following except

A) Prolongs the duration of local anaesthesia

B) Makes the injection less painful

C) Provides a more bloodless field for surgery

D) Reduces systemic toxicity of the local anaesthetic

27 The biological agents that acts by inhibiting TNFα are all except

A) Adalimumab

B) Infliximab

C) Anakinra

D) Etanercept

28 Supplemental therapy of which of the below will minimize the risk of neural tube defect in the offspring of pregnant women receiving antiepileptic drugs:

A) Vitamin E

B) Folic acid

C) Vitamin A

D) Pyridoxine

29 To prevent porosity in dental porcelain it should be baked:

A) In presence of air

B) In vacuum

C) For long period

D) Under pressure

30 For air blasting of ceramic veneer, the particle size of alumina used is

A) 25 micrometers

B) 50 micrometers

C) 75 micrometers

D) 100 micrometers

31 According to degree and conversion, the acceptable level of cavity depth is limited to

A) 5 mm

B) 6 mm

C) 2-3 mm

D) None of the above

32 The restorative material used with atraumatic restorative treatment is

A) Silver amalgam

B) Highly viscous glass ionomer cement

C) Composite

D) Zinc phosphate

33 All of the following are features of right sided heart failure, Except:

A) Increase PCWP

B) Pulsatile liver

C) Increased JVP

D) Positive hepatojugular reflex

34 Hemophilia A has following diagnostic features except-

A) Low factor – VIII

B) Increased aPTT

C) Increased PT

D) Normal BT

35 Schilling test is abnormal in

A) Intrinsic factor deficiency

B) Amylase deficiency

C) Lipase deficiency

D) Pancreatic endocrine insufficiency

36 Acute infection of hepatitis B virus is diagnosed by

A) IgM antibody of Hbs Ag

B) IgM antibody of Hbc Ag

C) IgM antibody of Hbe Ag

D) IgG antibody of Hbc Ag

37 What is the primary purpose of using forceps in tooth extraction?

A) To measure pocket depth

B) To grasp and remove the tooth

C) To scale teeth

D) To polish teeth

38 The use of dental floss is

A) Type I Embrasure

B) Open Embrasure

C) Type III embrasure

D) Open contacts

39 What type of dental implant is most commonly used today?

A) Endosseous

B) Subperiosteal

C) Transosteal

D) Mini implants

40 Main disadvantage of single complete denture against natural teeth is?

A) Abrasion of artificial teeth

B) Difficulty in making balanced occlusion

C) Abrasion of natural teeth

D) All of the above

41 Facial edema, cheilitis granulomatosa and a fissured tongue characterize which of the following syndromes?

A) Frey's syndrome

B) Treacher Collins syndrome

C) Melkersson Rosenthal syndrome

D) van der Woude syndrome

42 All the following are mucopolysaccharidoses except

A) Hurler’s syndrome

B) Hunter’s syndrome

C) Maroteaux-Lamy syndrome

D) Gaucher’s Disease

43 Which of the following bone abnormality is caused by hyperparathyroidism

A) Osteitis deformans

B) Osteitis fibrosa cystica

C) Osteogenesis imperfecta

D) Osteopetrosis

44 A 60-year-old female presents with a tumour in the right buccal mucosa. The size of the tumour is about 2 cm in diameter. There is no involvement of regional lymph nodes or metastatic spread. The TNM stage of the tumor is:

A) T1 N0 M0

B) T1 N1 M0

C) T1 N2 M0

D) T2 N0 M0

45 Sjogrens syndrome primarily affects which type of glands?

A) Sebaceous glands

B) Endocrine glands

C) Exocrine glands

D) Paracrine glands

46 Articular disc of TMJ is primarily composed of:

A) Fibrocartilage

B) Hyaline cartilage

C) Elastic cartilage

D) Adipose cartilage

47 Which of the following drugs is NOT commonly used in the treatment of postherpetic neuralgia?

A) Gabapentin

B) Pregabalin

C) Metformin

D) Amitriptyline

48 Gag reflex while taking intraoral radiograph is due to

A) Stimulation of posterior dorsum of tongue

B) Stimulation of soft palate

C) Both (A) and (B)

D) Stimulation of hard palate

49 One of the limitation of CBCT is

A) Size of the device

B) Low radiation dose

C) Fast acquisition

D) Poor soft tissue contrast

50 Waters projection is used to evaluate

A) Midfacial fractures

B) Maxillary sinusitis

C) Both (A) and (B)

D) None of the above

51 Objects located between x-ray source and centre of rotation in panoramic imaging causes

A) Double images

B) Real images

C) Ghost images

D) Ideal images

52 Introduction of fluoridated dentifrice is generally done in

A) 6-8 months olds

B) 1-2-year-olds

C) 2-3-year-olds

D) 3- 4-year-olds

53 The cyst found associated with crown of an impacted, embedded (or) unerupted tooth

A) Dentigerous cyst

B) Radicular cyst

C) Primordial cyst

D) Brachial cyst

54 'Object permanence' is observed in

A) Sensorimotor stage

B) The preoperational stage

C) The concrete operation stage

D) The formal operation stage

55 At the time of tooth eruption, the root development is

A) Two third

B) One third

C) One half

D) Complete

56 The splinting period for the root fractures are located closer to the cervical region

A) 6 months

B) 2-4 weeks

C) 2-4 months

D) 6 weeks

57 Identify the following plier



A) Contouring plier

B) Crimping plier

C) Pinching plier

D) Hoe plier

58 Apexification in teeth with blunder buss canals and open apices is best done with:

A) Mineral trioxide aggregate

B) Formocresol

C) Gutta-percha

D) Zinc-oxide-eugenol

59 Activator was introduced by

A) Anderson

B) Baltor

C) Clark

D) Herbst

60 Objectives of Jackson’s triad

A) Esthetics

B) Function

C) Structural Stability

D) All the above

61 CH, SH, speech sounds are affected in

A) Cleft lip

B) Cleft palate

C) Anterior openbite

D) Anterior crossbite

62 The force of extra oral elastics

A) 50 gms

B) 20 gms

C) 100 gms

D) 250 gms

63 Activation by closing the coil is done in

A) Palatal canine retractor

B) Buccal canine retractor

C) Helical canine retractor

D) Finger spring

64 Which of the following is an antiflux?

A) Borax

B) Boric acid

C) Graphite

D) Fluoride

65 Lip bumper is a

A) Functional appliance

B) Fixed appliance

C) Orthopedic appliance

D) Retainer

66 What is the probing force required to reach bone level is:

A) 50 g

B) 25 g

C) 0.75 g

D) 10 g

67 It is an avascular mesenchymal tissue

A) Periodontal Ligament

B) Gingiva

C) Alveolar bone

D) Cementum

68 Lysozyme is

A) Hydrolytic enzyme

B) Proteolytic enzyme

C) Myeloperoxidase

D) Mucinous glycoprotein

69 Which of the following _Gracey curettes is meant for facial and lingual surface of posterior teeth?

A) # 9-10

B) # 11-12

C) # 13-14

D) # 15-16

70 Schwartz Periotriever is used for:

A) Periosteal elevation

B) Removal of broken tips of curettes

C) Measuring crevicular fluid

D) Local drug delivery

71 Linear tip action is present in:

A) Sonic scaler

B) Magnetostrictive scaler

C) Piezoelectric scaler

D) Sickle scaler

72 Non Absorbable suture material is

A) Chromic gut

B) Dexon

C) Silk

D) Vicryl

73 During relining procedures fear lies in the alteration of

A) Balanced occlusion

B) Centric occlusion

C) Vertical dimension

D) Condylar guidance

74 Ear prosthesis and ocular prosthesis is made from

A) Methyl methacrylate

B) Metallic implants

C) Silicone

D) Epoxy resin

75 Relining or rebasing of complete denture is required because

A) Denture base material abrades

B) Ridge resorption is a continuous phenomenon

C) It prolongs the useful life of the denture

D) All of the above

76 What is the primary purpose of using a rubber dam during dental procedures?

A) To prevent patient swallowing

B) To improve patient comfort

C) To isolate the operative field and prevent contamination

D) To enhance the appearance of the final restoration

77 Which of the following statements about saliva ejectors is TRUE?

A) They are primarily used for removing large amounts of saliva and debris

B) They are low-volume suction devices used to remove saliva and small amounts of debris

C) They are contraindicated in patients with allergies to latex

D) They are typically used in conjunction with a rubber dam

78 Function of major connector is that it:

A) Connects parts of prosthesis on one side of arch with those on opposite side

B) Distributes forces over entire supporting structure

C) Resists flexing and torque

D) All of the above

79 Lingual bar is used in conditions where:

A) Lingual sulcus is deep

B) Lingual sulcus is shallow

C) When splinting of adjacent teeth is require

D) When abutment teeth have poor bony support

80 The main liquid component of zinc phosphate cement is

A) Polyacrylic acid

B) Sulphuric acid

C) Hydrochloric acid

D) Phosphoric acid

81 Percentage of Tin in conventional silver alloy composition is

A) 68-72%

B) 2-6%

C) 25-27%

D) 12-30%

82 Cavosurface bevel is given in

A) Amalgam restoration

B) Cast restoration

C) GIC restoration

D) Composite restoration

83 Ideal requirement of endodontic irrigant

A) Removes smear layer

B) Antimicrobial activity

C) Serves as lubricant

D) All the above

84 Gutta percha most popular material used in endodontics was introduced by

A) Grossman in 1867

B) Weine in 1767

C) Bowman in 1867

D) Ingle in 1845

85 Pulp capping agents are

A) Calcium hydroxide

B) Glass ionomer cements

C) MTA (Mineral Trioxide Aggregate)

D) All the above

86 Normal colour of permanent teeth is

A) Bluish white

B) Grayish white

C) Grayish blue

D) Bluish yellow

87 What special consideration is required for oral surgery in patients with hemophilia?

A) No special consideration needed

B) Preoperative and postoperative management with clotting factor replacement

C) Avoid all dental extractions

D) Only perform minor oral surgery

88 What is the typical treatment for oral squamous papilloma?

A) Observation

B) Surgical excision

C) Chemotherapy

D) Radiotherapy

89 What is a potential complication of maxillary sinus perforation during tooth extraction?

A) Increased tooth sensitivity

B) Oroantral fistula

C) Enamel hypoplasia

D) Formation of dental tori

90 Which condition might indicate the need for submandibular gland excision?

A) Chronic sialadenitis

B) Minor enamel hypoplasia

C) Gingivitis

D) Dental caries

91 What special consideration is required for oral surgery in diabetic patients?

A) No special consideration needed

B) Monitor blood glucose levels and manage perioperative insulin

C) Only perform minor oral surgery

D) Avoid all dental procedures

92 What is the typical treatment for an oral mucocele?

A) Observation

B) Surgical excision

C) Tooth whitening

D) Scaling and root planning

93 What is a potential complication of dental implant placement?

A) Tooth discoloration

B) Peri-implantitis

C) Increase in enamel thickness

D) Formation of dental tori

94 Hospital sources of unrelated events as controls in case control study is often a source of

A) Memory bias

B) Recall bias

C) Selection bias

D) Interviewer's bias

95 The first country to adopt salt fluoridation is

A) France

B) Germany

C) Jamaica

D) Switzerland

96 CPITN probe was described and designed by

A) WHO

B) Nabers

C) Marques

D) Williams

97 Which of the following are not included in the WHO classification of operating dental auxiliaries?

A) Dental hygienist

B) School dental nurse

C) Dental Therapists

D) Denturists

98 The shape of the normal curve is

A) Bell Shaped

B) V Shaped

C) U Shaped

D) None of the above

99 Census is conducted every

A) 2 years

B) 5 years

C) 7 years

D) 10 years

100 The system of the referral card from the school is taken to the dentist and handed back to the class teacher is called

A) Herd referral

B) Blanket referral

C) Pillow referral

D) Immunity