

PROVISIONAL ANSWER KEY

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Question1:-Which of the following contains acid phosphatase ?

- A:-Osteoblast
- B:-Osteoclast
- C:-Osteocyte
- D:-Osteoprogenitor cell

Correct Answer:- Option-B

Question2:-Which of the following contains glycoproteins ?

- A:-Transitional epithelium
- B:-Squamous epithelium
- C:-Cuboidal epithelium
- D:-Brush bordered cuboidal epithelium

Correct Answer:- Option-A

Question3:-What type of gland is sebaceous gland ?

- A:-Apocrine
- B:-Merocrine
- C:-Holocrine
- D:-Epicrine

Correct Answer:- Option-C

Question4:-Which of the following gives red colour to the red muscle fibres ?

- A:-Myoglobin
- B:-Actin
- C:-Myosin
- D:-Titin

Correct Answer:- Option-A

Question5:-Nissl granules are present in

- A:-Neurilemma
- B:-Nodes of Ranvier
- C:-Myelin sheath
- D:-Cytoplasm of Neuron

Correct Answer:- Option-D

Question6:-Which of the following is a remnant of Meckel's cartilage ?

- A:-Stylohyoid ligament
- B:-Sphenomandibular ligament
- C:-Stylomandibular ligament
- D:-Lesser cornu of hyoid bone

Correct Answer:- Option-B

Question7:-Parasympathetic root to pterygopalatine ganglion comes from

- A:-Lesser petrosal nerve
- B:-Deep petrosal nerve
- C:-Greater petrosal nerve
- D:-Maxillary nerve

Correct Answer:- Option-C

Question8:-Inferior thyroid vein drains into

- A:-Internal jugular vein
- B:-Left brachiocephalic vein
- C:-External jugular vein
- D:-Subclavian vein

Correct Answer:- Option-B

Question9:-All muscles of tongue are supplied by hypoglossal nerve EXCEPT

- A:-Chondroglossus
- B:-Styloglossus
- C:-Hyoglossus
- D:-Palatoglossus

Correct Answer:- Option-D

Question10:-Submandibular gland is an example of

- A:-Serous gland
- B:-Mucous gland
- C:-Mixed gland
- D:-Simple tubuloalveolar gland

Correct Answer:- Option-C

Question11:-Cessation of spontaneous respiration occurs after

- A:-Transection of the brain stem above the pons
- B:-Transection of the brain stem at the caudal end of medulla
- C:-Bilateral vagotomy
- D:-Transection of the spinal cord at the level of the first thoracic segment

Correct Answer:- Option-B

Question12:-A generator potential

- A:-Always leads to an action potential
- B:-Is an all-or-none phenomenon
- C:-Increases in amplitude as a more intense stimulus is applied
- D:-Is unchanged when a given stimulus is applied repeatedly over time

Correct Answer:- Option-C

Question13:-Which of the following parts of the eye has the greatest concentration of rods ?

- A:-Ciliary body
- B:-Parafoveal region
- C:-Optic disk
- D:-Fovea

Correct Answer:- Option-B

Question14:-The work performed by the left ventricle is substantially greater than that performed by the right ventricle, because in the left ventricle

- A:-The contraction is slower
- B:-The output is greater
- C:-The preload is greater
- D:-The afterload is greater

Correct Answer:- Option-D

Question15:-Which of the following is a function of Sertoli cells in the seminiferous tubules ?

- A:-Expression of surface LH receptors
- B:-Maintenance of the blood-testis barrier
- C:-Secretion of FSH into the tubular lumen
- D:-Secretion of testosterone into the tubular lumen

Correct Answer:- Option-B

Question16:-All are T-cell mediated diseases EXCEPT

- A:-Psoriasis

B:-SLE

C:-Rheumatoid Arthritis

D:-Type I Diabetes Mellitus

Correct Answer:- Option-B

Question17:-Virus implicated in Burkitt Lymphoma

A:-EBV

B:-HPV

C:-HTLV-1

D:-Hepatitis-B

Correct Answer:- Option-A

Question18:-Principal action of Prostaglandin, PGI

A:-Chemotaxis

B:-Vasoconstriction

C:-Increased Vascular Permeability

D:-Vasodilation

Correct Answer:- Option-D

Question19:-All are Reactive Oxygen Species EXCEPT

A:-Superoxide

B:-Hydrogen Peroxide

C:-Hydroxyl Radical

D:-Catalase

Correct Answer:- Option-D

Question20:-Which is not a component of Virchow Triad ?

A:-Endothelial Injury

B:-Thrombocytopenia

C:-Stasis

D:-Hypercoagulability of Blood

Correct Answer:- Option-B

Question21:-Which phase of clinical trial corresponds to post market surveillance of a newly introduced drug ?

A:-Phase 1

B:-Phase 2

C:-Phase 3

D:-Phase 4

Correct Answer:- Option-D

Question22:-Which of the following is likely to be seen in a patient who has been exposed to Botulinum Toxin ?

A:-Bronchospasm

B:-Cycloplegia

C:-Diarrhoea

D:-Skeletal muscle spasms

Correct Answer:- Option-B

Question23:-An anti seizure drug not having a major effect on drug metabolizing enzymes is

A:-Valproic acid

B:-Carbamazepine

C:-Diazepam

D:-Phenobarbitone

Correct Answer:- Option-C

Question24:-Flumazenil is an antidote for

A:-Diazepam

B:-Morphine

C:-Paracetamol

D:-Heparin

Correct Answer:- Option-A

Question25:-Which of the following is an example of an Aromatase Inhibitor ?

A:-Anastrozole

B:-Nafarelin

C:-Tormifene

D:-Flutamide

Correct Answer:- Option-A

Question26:-All of the following are transmembrane proteins that play a role in calcium entry into myocytes EXCEPT

A:-Calcium channels

B:- Ca^{2+} - Na^{+} Exchanger

C:- Ca^{2+} ATPase

D:-Laminin

Correct Answer:- Option-D

Question27:-Which of the following disease is caused by deficiency of Vitamin C ?

A:-Anaemia

B:-Night blindness

C:-Scurvy

D:-Ricketts

Correct Answer:- Option-C

Question28:-Cholesterol synthesis is regulated by

A:-Thiolase

B:-HMG-CoA Reductase

C:-HMG-CoA Synthase

D:-Mevalonate Kinase

Correct Answer:- Option-B

Question29:-All of the following features are seen in Osteogenesis Imperfecta EXCEPT

A:-Thick skin texture

B:-Blue sclera

C:-Joint laxity

D:-Amber yellowish brown coloured teeth

Correct Answer:- Option-A

Question30:-The hypoglycemic hormone Insulin is secreted by

A:-Alpha cells of pancreas

B:-Beta cells of pancreas

C:-Delta cells of pancreas

D:-Adrenal gland

Correct Answer:- Option-B

Question31:-Commonest site of Actinomycosis is

A:-Abdominal

B:-Cervicofacial

C:-Pelvic

D:-Thoracic

Correct Answer:- Option-B

Question32:-Non suppurative complication of Streptococcus pyogenes infection

A:-Acute glomerulonephritis

B:-Acute follicular tonsillitis

C:-Ludwig's angina

D:-Scarlet fever

Correct Answer:- Option-A

Question33:-Infectious mononucleosis is caused by

- A:-Adenovirus
- B:-Cytomegalovirus
- C:-Epstein-Barr virus
- D:-Parvovirus

Correct Answer:- Option-C

Question34:-All are sporicidal agents EXCEPT

- A:-Gluteraldehyde
- B:-Formaldehyde
- C:-Ethylene oxide
- D:-Ethyl alcohol

Correct Answer:- Option-D

Question35:-Reynolds-Braude phenomenon is the diagnostic method for

- A:-Candida
- B:-Cryptococcus
- C:-Fusarium
- D:-Histoplasma

Correct Answer:- Option-A

Question36:-Area of greatest sensitivity to cold is

- A:-Base of tongue
- B:-Lips
- C:-Gingiva
- D:-Anterior Tongue

Correct Answer:- Option-B

Question37:-Cementum just meets enamel at CEJ

- A:-10%
- B:-20%
- C:-30%
- D:-60%

Correct Answer:- Option-C

Question38:-The cell having unique packet shaped organelle

- A:-Merkel cell
- B:-Melanocytes
- C:-Keratinocytes
- D:-Langerhans cells

Correct Answer:- Option-D

Question39:-Desmosomes are cell to cell junctions which in oral mucosa are discoid and called

- A:-Tonofibrils
- B:-Anchoring Fibrils
- C:-Basal lamina
- D:-Macula adherens

Correct Answer:- Option-D

Question40:-The tonsil that appears as an aggregation of lymphocytes that does not have crypts but has occasional folds that appear as clefts in oral mucosa is

- A:-Pharyngeal Tonsil
- B:-Palatine Tonsil
- C:-Lingual Tonsil
- D:-All of the above

Correct Answer:- Option-A

Question41:-Which wall is the base of Class III tooth preparation ?

- A:-Axial wall
- B:-Gingival wall
- C:-Facial wall
- D:-Lingual wall

Correct Answer:- Option-A

Question42:-The property of least importance for a luting cement

- A:-Strength
- B:-Solubility
- C:-Water sorption
- D:-Microleakage

Correct Answer:- Option-A

Question43:-The term civilization Dystrophy is best used to describe

- A:-Attrition
- B:-Caries
- C:-Erosion
- D:-Abrasion

Correct Answer:- Option-B

Question44:-Paraformaldehyde is the primary ingredient in

- A:-Formacresol
- B:-CMCP
- C:-Cresatin
- D:-N2

Correct Answer:- Option-D

Question45:-The least effective storage media for avulsed tooth

- A:-Propolis
- B:-Saliva
- C:-Water
- D:-Milk

Correct Answer:- Option-C

Question46:-'Kissing Lesion' is

- A:-Benign Migratory Glossitis
- B:-Hairy tongue
- C:-Median Rhomboid Glossitis
- D:-Infections Mononucleosis

Correct Answer:- Option-C

Question47:-The characteristic 'Reed sternberg' cells are seen in

- A:-Hodgkin Lymphoma
- B:-Multiple myeloma
- C:-Burkitt Lymphoma
- D:-Rhabdomyosarcoma

Correct Answer:- Option-A

Question48:-'Von Recklinghansen' disease of skin is

- A:-Traumatic Neuroma
- B:-Neurilemmoma
- C:-MEN syndrome
- D:-Neurofibromatosis

Correct Answer:- Option-D

Question49:-'Ballooning degeneration' and 'Lipschutz bodies' are seen in

- A:-Recurrent Aphthous stomatitis
- B:-Recurrent Herpetic Labialis

C:-Hand, Foot and Mouth disease

D:-Rubella

Correct Answer:- Option-B

Question50:-'Brittle bones' is

A:-Osteogenesis Imperfecta

B:-Osteopetrosis

C:-Cherubism

D:-Paget's Disease

Correct Answer:- Option-A

Question51:-Orthodontic triage refers to

A:-Objectives of orthodontic treatment

B:-Comprehensive treatment planning

C:-Establishing the Etiology of malocclusion

D:-Distinguishing the severity of malocclusion

Correct Answer:- Option-D

Question52:-What is the angulation at which the inclined bite plane is constructed ?

A:-45° to occlusal plane

B:-60° to occlusal plane

C:-70° to occlusal plane

D:-None of the above

Correct Answer:- Option-B

Question53:-Which of the following types of orthodontic force does Removable Appliance produce ?

A:-Continuous

B:-Interrupted

C:-Intermittent

D:-All of the above

Correct Answer:- Option-C

Question54:-Indications for fixed Orthodontic Retainers

A:-Maintenance of lower incision position

B:-Maintenance of diastema closure

C:-Maintain the posterior teeth position in adults

D:-All of the above

Correct Answer:- Option-D

Question55:-Angles classification cannot be used in

A:-Deciduous dentition

B:-When permanent first molars are absent

C:-When full complement of permanent dentition is not present

D:-All the above

Correct Answer:- Option-D

Question56:-Fluoride syndrome is known as

A:-Acute fluoride toxicity

B:-Chronic fluoride toxicity

C:-Hidden caries lesion

D:-Enamel hypoplasia

Correct Answer:- Option-C

Question57:-Plaque modifying agent

A:-Urea peroxidase

B:-Xylitol

C:-Fluoride

D:-ACP-CCP

Correct Answer:- Option-A

Question58:-Hotz modification of oral screen is

- A:-Drilling of holes
- B:-Incorporation of metal ring
- C:-Double oral screen
- D:-Transparent oral screen

Correct Answer:- Option-B

Question59:-Adolescent behaviour feeling that they are constantly on stage is called

- A:-Epehebodontics
- B:-Personal fable
- C:-Imaginary audience
- D:-Ice berg phenomenon

Correct Answer:- Option-C

Question60:-Chemical reminder agent for thumb sucking management

- A:-Ferric sulphate
- B:-Gluteraldehyde
- C:-Oraverse
- D:-Femite

Correct Answer:- Option-D

Question61:-Common type of malocclusion seen in spastic cerebral palsy

- A:-Angle's class II division 2
- B:-Angle's class II division 1
- C:-Angle's class III
- D:-Angle's class II sub division

Correct Answer:- Option-A

Question62:-According to Frankel's behaviour rating scale, behaviour of child as per Rating 2

- A:-Positive
- B:-Definitely positive
- C:-Definitely negative
- D:-Negative

Correct Answer:- Option-D

Question63:-Sequence of extraction in Dewel's method

- A:-CD4
- B:-DC4
- C:-D4C
- D:-D45

Correct Answer:- Option-A

Question64:-Minimum alveolar concentration of N_2O is

- A:-105
- B:-200
- C:-750
- D:-315

Correct Answer:- Option-A

Question65:-Turku study is associated with

- A:-Aspartamine
- B:-Xylitol
- C:-Novamine
- D:-Femite

Correct Answer:- Option-B

Question66:-Radiographic appearance of Scleroderma

- A:-Loss of lamina dura
- B:-Widening of periodontal ligament space
- C:-Teeth floating in air
- D:-All of the above

Correct Answer:- Option-B

Question67:-Radiograph has no role in diagnosis of

- A:-Globulomaxillary cyst
- B:-Incisive canal cyst
- C:-Nasolabial cyst
- D:-Median palatal cyst

Correct Answer:- Option-C

Question68:-Drug of choice in facial nerve palsy

- A:-Vitamin B_{12}
- B:-Vitamin A
- C:-Corticosteroids
- D:-Anti inflammatory drugs

Correct Answer:- Option-C

Question69:-Approximate range of wavelength of X-rays used in dentistry

- A:-0.1 to 2.0 Å
- B:-2 to 5 Å
- C:-0.001 to 0.1 Å
- D:-5 to 10 Å

Correct Answer:- Option-A

Question70:-Hydroquinone used as developer functions as

- A:-Oxidising agent
- B:-Reducing agent
- C:-Preservative
- D:-Vehicle

Correct Answer:- Option-B

Question71:-Which among the following is a non-probability sampling ?

- A:-Systematic sampling
- B:-Stratified sampling
- C:-Snowball sampling
- D:-Simple random sampling

Correct Answer:- Option-C

Question72:-Second generation pit and fissure sealant is that which is

- A:-having added benefit of fluoride
- B:-chemically cured
- C:-visible light cured
- D:-polymerized with U.V. light

Correct Answer:- Option-B

Question73:-What type of examination is Inspection ?

- A:-Type I
- B:-Type II
- C:-Type III
- D:-Type IV

Correct Answer:- Option-C

Question74:-The ability of an index to measure what it is intended to measure is

- A:-Objectivity
- B:-Sensitivity
- C:-Quantifiability
- D:-Validity

Correct Answer:- Option-D

Question75:-Which is the summary measure used when there are extreme values in the observations ?

- A:-Median
- B:-Mean
- C:-Mode
- D:-Mean Deviation

Correct Answer:- Option-A

Question76:-Keratinosomes or Odland bodies are found in

- A:-Stratum Corneum
- B:-Stratum Granulosum
- C:-Stratum Spinosum
- D:-Stratum Basale

Correct Answer:- Option-C

Question77:-The organism that is seen in significantly higher proportion in mobile teeth than non-mobile teeth

- A:-Porphyromonas gingivalis
- B:-Campylobacter rectus
- C:-Prevotella intermedia
- D:-Capnocytophaga

Correct Answer:- Option-B

Question78:-The radius of action in which bacterial plaque can induce loss of bone is

- A:-2.5 to 3.5 mm
- B:-1.5 to 2.5 mm
- C:-1.5 to 3.5 mm
- D:-3 to 4 mm

Correct Answer:- Option-B

Question79:-The surgical technique that removes the pocket wall

- A:-Undisplaced flap
- B:-Modified Widman flap
- C:-Conventional flap
- D:-Papilla preservation flap

Correct Answer:- Option-A

Question80:-Which of the following treatment procedures is included under surgical phase of periodontal therapy ?

- A:-Occlusal therapy
- B:-Provisional splinting and prosthesis
- C:-Minor orthodontic movement
- D:-Endodontic therapy

Correct Answer:- Option-D

Question81:-Gold standard in examination of breath malodour

- A:-Gas chromatography
- B:-Organoleptic rating
- C:-Darkfield microscopy
- D:-Portable sulphur monitor

Correct Answer:- Option-B

Question82:-Photodynamic therapy comes under

- A:-Surgical Phase
- B:-Non surgical phase

C:-Restorative phase

D:-Maintenance phase

Correct Answer:- Option-B

Question83:-Water irrigating devices

A:-Removing plaque

B:-Preventing plaque formation

C:-Diluting bacterial products

D:-Reducing pocket depth

Correct Answer:- Option-C

Question84:-Implant stability cannot be tested by

A:-Periotest

B:-Resonance frequency analysis

C:-Reverse Torque test

D:-Korber's transducer

Correct Answer:- Option-D

Question85:-Curettes with blade half length of standard Gracey curette is called

A:-Mini five curettes

B:-After five curettes

C:-Micro mini five curettes

D:-Mini Langer curettes

Correct Answer:- Option-A

Question86:-Which of the following is a biotransformation product of lignocaine ?

A:-Diethylamine alcohol

B:-Para amino benzoic acid

C:-Glycine Xylidide

D:-Orthotoluidine

Correct Answer:- Option-C

Question87:-Which of the following nerve is easiest to anaesthetize ?

A:-Myelinated nerve

B:-Unmyelinated nerve

C:-Both are same

D:-None of the above

Correct Answer:- Option-A

Question88:-Recommended depth of chest compression for adults during cardiopulmonary resuscitation is

A:-1 inch

B:-1.5 inch

C:-1.6 inch

D:-2 inch

Correct Answer:- Option-D

Question89:-In which of the following Vestibuloplasty technique the raw area is left on the lip side ?

A:-Kazanjan technique

B:-Clark technique

C:-Trauner technique

D:-Obwegeser technique

Correct Answer:- Option-A

Question90:-'Gap healing' in the healing of fracture of bone is a part of

A:-Direct healing

B:-Indirect healing

C:-Contact healing

D:-Creeping substitution

Correct Answer:- Option-A

Question91:-Three point articulator is

- A:-a Non Adjustable Articulator
- B:-a Type I Articulator
- C:-an Arcon Articulator
- D:-a Fully Adjustable Articulator

Correct Answer:- Option-A

Question92:-All of the following materials are used for fabrication of maxillofacial prosthesis EXCEPT

- A:-Vinyl chloride polymers
- B:-Fiber reinforced composite
- C:-Acrylic resins
- D:-Silicon rubber

Correct Answer:- Option-B

Question93:-Most destructive occlusal interference is

- A:-Protrusive
- B:-Working side
- C:-Centric
- D:-Non-working side

Correct Answer:- Option-D

Question94:-Average value of immediate shift of mandible is

- A:-0-1mm
- B:-1-3mm
- C:-4-5mm
- D:-None of the above

Correct Answer:- Option-B

Question95:-Lost salt crystal technique is used in the fabrication of

- A:-Virginia bridge
- B:-Maryland bridge
- C:-Porcelain laminate veneer
- D:-None of the above

Correct Answer:- Option-A

Question96:-Which of the following is the most rigid of all rigid fixations in the treatment of mandibular fractures ?

- A:-Lag Screws
- B:-Compression plates
- C:-Eccentric Dynamic Compression plates
- D:-IMF screws

Correct Answer:- Option-A

Question97:-Which of the following can cause compression and focal demyelination of trigeminal nerve root resulting in trigeminal neuralgia ?

- A:-Meningioma
- B:-Superior cerebellar artery
- C:-Arteriovenous malformation
- D:-All of the above

Correct Answer:- Option-D

Question98:-What is the disadvantage of adding adrenaline to the local anesthetic solution ?

- A:-Makes the injection more painful
- B:-Makes the solution more basic
- C:-Increases the shelf life
- D:-Decreases the time of onset of action

Correct Answer:- Option-A

Question99:-Absorbable sutures are those that lose their tensile strength within

A:-10 days

B:-15 days

C:-30 days

D:-60 days

Correct Answer:- Option-D

Question100:-Pre-emptive analgesia

A:-Reduces the sensitization of central pain pathways only

B:-Reduces the sensitization of peripheral pain pathways only

C:-Reduces the sensitization of both central and peripheral pain pathways

D:-Has no effect on nociceptive system

Correct Answer:- Option-C