Dentistry

Apical constriction of root canal is located at
1. Cemento - enamel junction
2. Cemento - dentinal junction
3. Dentino - enamel junction
4. Radiographic apex

Taste buds are most sensitive to
1. Sour
2. Sweet
3. Salt
4. Bitter

pH of Zinc phosphate after final set is
1. 3 - 4
2. 6 - 7
3. 8 - 9
4. 4 - 5

Most aggressive type of ameloblastoma is
1. Follicular
2. Granular
3. Plexiform
4. acanthomatous

Clear cell is found in which of the following lesions
1. Calcifying odontogenic cyst
2. Calcifying odontogenic tumor
3. Dentigenous cyst
4. Ameloblastic carcinoma

Caries which is initiated in organic defect and progresses rapidly through this defect to the dentin producing undermining of enamel may be correctly described as
1. Acute caries
2. Chronic caries
3. Rampant caries
4. Penetrating caries

The most common cyst of dental origin is
1. Primordial cyst
2. Globulo maxillary cyst
3. periapical cyst
4. periodontal cyst

The malignant tumor most commonly associated with minor salivary glands in posterior palatal area is
1. Mucoepidermoid carcinoma
2. Adenoid cystic carcinoma
3. Necrotizing sialometaplasia
4. Papillary cystadenoma lvmphomatous

All of the following can be included in differential diagnosis of a white lesion of oral cavity except
1. Steven - Johnson syndrome
2. Lichenplanus
3. Leukoplakia
4. Lupus erythematosus

The arteries that form circle of willis are
1. Anterior cerebral artery
2. Posterior cerebral artery
3. Anterior communicating artery
4. Posterior communicating artery
Which one of the following is a derivative of 4th brachial arch
1. Cricothyroid
2. Body of hyoid
3. Sphenomandibular ligament
4. All of the above

Which of the following is predominantly mucous
1. Parotid gland
2. Submandibular gland
3. Sub lingual gland
4. Von Ebner's gland

Arterial supply to anterior portion of tongue is through
1. Deep lingual
2. Facial
3. Sublingual
4. Dorsal lingual

Which one of the following muscles is supplied through facial nerve
1. Masseter
2. Tensor veli palatine
3. Lateral pterygoid
4. Buccinator

Which of the following is a sensory branch of anterior trunk of mandibular nerve
1. Buccal nerve
2. Masseteric
3. Deep temporal
4. All of the above

Which of the following are Vit-K dependant clotting factors
1. II, III, IV, V
2. II, V, VII, VIII
3. II, VII, IX, X
4. II, V, X, XI

Gingiva is most susceptible to the deficiency of
1. Vit.A
2. Vit.B
3. Vit.C
4. Vit.D

Local anaesthetics block nerve conduction by
1. Depolarising the nerve membrane reducing threshold potential
2. Decreasing the membrane permeability to Na ions thereby stabilizing nerve membrane
3. Increasing the membrane permeability to K ions and by depolarizing nerve membrane
4. None of the above

Which of the following has largest surface area
1. Arteries
2. Venules
3. Capillaries
4. Arterioles

The blood supply of dental pulp can be compared to that of
1. Cranium
2. Liver
3. Heart
4. Lungs

During starvation all of following increases except
1. Glucagon
2. Ketone bodies
3. Glycogen
4. Adrenaline
Question id: 75209 Sequence id: NA (Correct + 1.0, Wrong - 0.33)

Painful stimuli are conveyed by
1. A alpha and C fibers
2. B and C fibers
3. A delta and B fibers
4. A delta and C fibers
Question id: 75210 Sequence id: NA (Correct + 1.0, Wrong - 0.33)

A disease is said to be contagious when it is transmitted by
1. Inhalation
2. Inoculation
3. Contact
4. All of the above
Question id: 75211 Sequence id: NA (Correct + 1.0, Wrong - 0.33)

Which of the following is the best method of dry heat sterilization
1. Incineration
2. Hot air oven
3. Irradiation
4. None of the above
Question id: 75212 Sequence id: NA (Correct + 1.0, Wrong - 0.33)

Hospital dressing should be best disposed by
1. Incineration
2. Dumping
3. Autoclaving
4. Buring
Question id: 75213 Sequence id: NA (Correct + 1.0, Wrong - 0.33)

Resistance to penicillin by staphylococci mainly caused by
1. Pleomorphism
2. B-lactamase or penicillinase that destroys penicillin
3. Production of spores
4. All of the above
Question id: 75214 Sequence id: NA (Correct + 1.0, Wrong - 0.33)

Dental unit water lines should be flushed
1. At the end of each day
2. At the beginning and end of each day
3. At the beginning of each day and between patients
4. At the end of each day and every one hour
Question id: 75215 Sequence id: NA (Correct + 1.0, Wrong - 0.33)

The presence of poisonous substance released from bacteria in the blood is called
1. Sapremia
2. Bacteremia
3. Septicemia
4. Pyaemia
Question id: 75216 Sequence id: NA (Correct + 1.0, Wrong - 0.33)

All of the following results in dry mouth except
1. Anticholinergics
2. Ganglion blocking agents
3. Adrenergic agonists
4. Antihistamines
Question id: 75217 Sequence id: NA (Correct + 1.0, Wrong - 0.33)

Usually root end calcification of permanent teeth is completed _____ years after eruption
1. 1-2 years
2. 2-3 years
3. 3-4 years
4. 4-5 years
Question id: 75218 Sequence id: NA (Correct + 1.0, Wrong - 0.33)

In most of the anterior teeth, root apices are deflected
1. Facialy
2. Distally
3. Lingually
4. Mesially
Question id: 75219 Sequence id: NA (Correct + 1.0, Wrong - 0.33)

Maxillary molar can be distinguished from mandibular molar by all of the following except
1. Number of cusps and developmental grooves
2. Number of roots
3. Arrangement of roots
4. Comparative occlusal outline and mesiodistal dimensions
Question id: 75220 Sequence id: NA (Correct + 1.0, Wrong - 0.33)

During opening of mandible from retruded contact position, which of the movements occur
1. Hinge only
2. Slide only
3. Hinge followed by sliding
4. None of the above
Question id: 75221 Sequence id: NA (Correct + 1.0, Wrong - 0.33)

In centric occlusion the cusp tip of maxillary canine opposes
1. Distal marginal ridges of mandibular canine
2. Facial embrasure between lower canine and premolar
3. Mesial marginal ridge of lower lateral incisors
4. Interproximal space between lower lateral and canine

Question id: 75222  Sequence id: NA  Correct + 1.0 , Wrong - 0.33
Which of the following components are absent in enamel organ
1. Dental sac
2. Stellate reticulum
3. Stratum intermedium
4. Outer enamel epithelium

Question id: 75223  Sequence id: NA  Correct + 1.0 , Wrong - 0.33
Which of the following is a dental phenomenon and is not a surface structure of enamel
1. Hunter schruger bands
2. Rod ends
3. Enamel cracks
4. Perikymata

Question id: 75224  Sequence id: NA  Correct + 1.0 , Wrong - 0.33
A firm painless lesion of the palate had been present for at least 10 years and increased in size very slowly. The most likely diagnosis is
1. Torus palatinus
2. Retention cyst
3. Medial palatal cyst
4. Pleomorphic adenoma

Question id: 75225  Sequence id: NA  Correct + 1.0 , Wrong - 0.33
The most common malignancy of the oral cavity is
1. Bucal cell carcinoma
2. Fibrosarcoma
3. Squamous cell carcinoma
4. Adenosarcoma

Question id: 75226  Sequence id: NA  Correct + 1.0 , Wrong - 0.33
An apical lesion that develops as an acute exacerbation of a chronic or suppurative apical periodontitis is called
1. Condensing osteitis
2. Chronic apical abscess
3. Apical cyst
4. Phoenix abscess

Question id: 75227  Sequence id: NA  Correct + 1.0 , Wrong - 0.33
Glossoplegia is a term used to indicate
1. Burning tongue
2. Painful tongue
3. Paralysis of tongue
4. Bleeding tongue

Question id: 75228  Sequence id: NA  Correct + 1.0 , Wrong - 0.33
A junction of roots of adjacent malposed teeth through cemental union is termed as
1. Concrescence
2. Dilaceration
3. Fusion
4. Germination

Question id: 75229  Sequence id: NA  Correct + 1.0 , Wrong - 0.33
Caries activity
1. Correlates well with the lactobacillus count in adults
2. Is greatly increased in immunodeficiency states
3. Is increased in xerostamia
4. Is directly related to the quantity of sugar eaten

Question id: 75230  Sequence id: NA  Correct + 1.0 , Wrong - 0.33
The most effective method of reducing patient dose from dental x-ray
1. Speed E film
2. Lead apron
3. Increased target film distance
4. Filtration

Question id: 75231  Sequence id: NA  Correct + 1.0 , Wrong - 0.33
Foil exposed to light during development will appear
1. Dark
2. Light
3. Clear
4. Blurred

Question id: 75232  Sequence id: NA  Correct + 1.0 , Wrong - 0.33
A severe dull ache in the jaw 3 or 4 days after an extraction usually indicates
1. Exposure of cementum of adjacent tooth
2. Acute pulpitis of an adjacent tooth
3. Prescription of an antibiotic agent
4. Loss of alveolar blood clot

Question id: 75233  Sequence id: NA  Correct + 1.0 , Wrong - 0.33
Contributing factor to pericoronitis of impacted mandibular third molar is
1. Trauma by opposing tooth
2. Previous radiation therapy
3. Systemic disease
4. Infected follicular cyst

Question id: 75234  Sequence id: NA  Correct + 1.0 , Wrong - 0.33
Persistent pyrexia after full mouth extraction results from
1. Wound infection
2. Dehydration
3. Endocarditis
4. Any of the above
Infiltration in maxillary first molar region is not effective because
1. Of zygomatic buttress bone in the region
2. Of the presence of parotid opening in that region
3. Of three roots
4. It is supplied by two nerves

A 30 year old female patient with a blood pressure of 150/80 requires treatment. You would
1. Recommend general anaesthesia
2. Seek medical treatment to lower blood pressure
3. Refer the patient to an oral surgeon
4. Use sedation preoperatively

2 cm highly suspicious lesion of the floor of the mouth is to be studied microscopically. A specimen is best obtained by
1. Incisional biopsy
2. Excisional biopsy
3. FNAC
4. None of the above

Which of the following is non resorbable suture material
1. Dacron
2. Catgut
3. Polyglycolic acid
4. Polyglactin 910

Teeth in line of fire means
1. Teeth in the area of planned therapeutic radiation
2. Teeth in the line of fracture
3. Teeth within the cancerous lesion
4. None of the above

Periodontal membrane is thinnest at
1. Cemento-enamel junction
2. Apical region
3. Fulcrum of rotation
4. Mid-root section

Hypercementosis with hyperplasia at root apex is associated with
1. Hypofunction
2. Hyperfunction
3. Orthodontic tooth movement
4. All of the above

Gingiva is attached to tooth by
1. Epithelial attachment
2. Periodontal ligament
3. Connective tissue
4. Lamina propria

The occlusal line that is produced due to reversal of cuspal inclines in bruxism patient is called
1. Curve of manson
2. Curve of wilson
3. Curve of spee
4. Pleasure curve

Most of the bone grafts used in periodontal surgeries are
1. Osteolytic
2. Osteoconductive
3. Osteoinductive
4. All of the above

Which of the following is alloplastic material
1. Iliac crest graft
2. Freeze dried bone graft
3. Bone blend
4. Tricalcium Phosphate

Which of the following holds good in case of iontophoresis
1. Sodium chloride is used in this technique
2. It is safe to use on people with pacemakers
3. The pulp tester is used for the electric charge
4. It encourages negative ions to penetrate the tooth

The purpose of guided tissue regeneration is
1. Prevention of epithelial migration
2. Elimination of junctional and pocket epithelium
3. Complete removal of all irritants
4. Careful curettage of the pocket wall surface

Question id: 75249  Sequence id: NA  (Correct + 1.0, Wrong - 0.33)
Caries spread in class II lesion may be described as
1. Double cone effect with bases towards the outer surface
2. Double cone effect with bases towards the pulp
3. Double cone effect with bases facing each other
4. Single cone effect with base towards the pulp

Question id: 75250  Sequence id: NA  (Correct + 1.0, Wrong - 0.33)
Direct pulp capping is indicated when the
1. Remaining thickness of dentin is 0.5 mm
2. Mechanical exposures occur in clean and dry field
3. Haemorrhage from the pulp during exposure
4. Pain response to cold is long lasting

Question id: 75251  Sequence id: NA  (Correct + 1.0, Wrong - 0.33)
If the colour of a restoration is adjusted using a complementary colour it results in
1. Intensified colour
2. Decreased value
3. Increased translucency
4. Increased value

Question id: 75252  Sequence id: NA  (Correct + 1.0, Wrong - 0.33)
The thickness of band material used for class II restoration is
1. 0.002 inch
2. 0.02 inch
3. 0.002 mm
4. 0.02 mm

Question id: 75253  Sequence id: NA  (Correct + 1.0, Wrong - 0.33)
Greater the number of cutting blades on a rotatory instrument
1. Greater the cutting efficiency and smoother the surface
2. Lesser the cutting efficiency and smoother the surface
3. Greater the cutting efficiency and rougher the surface
4. Lesser the cutting efficiency and rougher the surface

Question id: 75254  Sequence id: NA  (Correct + 1.0, Wrong - 0.33)
All of the following can be used in retracting the gingival tissues except
1. Cotton cord plain
2. Cotton cord impregnated with zinc chloride
3. Electrosurgery
4. Cotton cord impregnated with epinephrine

Question id: 75255  Sequence id: NA  (Correct + 1.0, Wrong - 0.33)
A bevel in the gingival region for a class II amalgam restoration is placed mainly for
1. Retention form
2. Resistance form
3. Convenience form
4. Aesthetic form

Question id: 75256  Sequence id: NA  (Correct + 1.0, Wrong - 0.33)
The term high speed refers to
1. 4,00,000 rpm
2. 20,000 to 1,00,000 rpm
3. below 20,000 rpm
4. below 2000 rpm

Question id: 75257  Sequence id: NA  (Correct + 1.0, Wrong - 0.33)
Wrinkling of the rubber dam in the anterior segment is due to
1. Punching the holes close together
2. Punching the holes that are small
3. Punching the holes that are larger
4. Punching the holes that are apart

Question id: 75258  Sequence id: NA  (Correct + 1.0, Wrong - 0.33)
"Extention for prevention is related to outline form". This statement is least related to
1. Amalgam
2. Silicates
3. Composites
4. Cast gold alloys

Question id: 75259  Sequence id: NA  (Correct + 1.0, Wrong - 0.33)
Odontoblasts are drawn in to tubules due to
1. Mechanical irritation of the pulp
2. Over heating of the pulp
3. Dehydration of the pulp
4. Excessive stresses on the pulp

Question id: 75260  Sequence id: NA  (Correct + 1.0, Wrong - 0.33)
A reverse bevel is given in inlay
1. for convenience form
2. for resistance form
3. for lap sliding fit
4. to remove the underlying enamel

Question id: 75261  Sequence id: NA  (Correct + 1.0, Wrong - 0.33)
Local anaesthetic aid in wet free field by
1. By blocking parasympathetic nerve supply
2. By blocking sympathetic nerve supply
3. By reducing the anxiety of the patient
4. All of the above

Question id : 75262  Sequence id : NA  (Correct + 1.0 , Wrong - 0.33)
Time dependent deformation, creep; increases in all of the following except
1. Time lag between condensation and trituration
2. Increased condensation pressure
3. Over trituration and under trituration
4. Increased residual mercury content

Question id : 75263  Sequence id : NA  (Correct + 1.0 , Wrong - 0.33)
Indirect wax patterns are constructed with
1. Type A wax
2. Type B wax
3. Type C wax
4. Type D wax

Question id : 75264  Sequence id : NA  (Correct + 1.0 , Wrong - 0.33)
Composites used as dental sealant are composed of
1. Glass ionomers
2. Methyacrylate
3. Bis-GMA
4. EBA resins

Question id : 75265  Sequence id : NA  (Correct + 1.0 , Wrong - 0.33)
The type of cavosurface margin recommended for porcelain inlay
1. Butt type
2. Acute angled
3. Obtuse angled
4. As per the requirement

Question id : 75266  Sequence id : NA  (Correct + 1.0 , Wrong - 0.33)
A cyst can be differentiated from granuloma radiographically by injecting
1. Radio opaque dyes
2. Polyacrylamide gel
3. Sodium morrhuate
4. Corticosteroids

Question id : 75267  Sequence id : NA  (Correct + 1.0 , Wrong - 0.33)
The most consequence of bleaching vital teeth
1. Discolouration
2. Cervical resorption
3. Apical periodontitis
4. Root resorption

Question id : 75268  Sequence id : NA  (Correct + 1.0 , Wrong - 0.33)
The most desirable tissue reaction at apex after pulpectomy
1. Cementum deposition at apical foramen
2. Bone deposition at apical foramen
3. Proliferation of periodontal ligament into apical foramen
4. Proliferation of epithelium into apical proliferation

Question id : 75269  Sequence id : NA  (Correct + 1.0 , Wrong - 0.33)
Which of the following is critical for successful apexogenesis and apexification
1. Absence of necrotic tissue and infection in apical region
2. Tight sealing with Ca(OH)2
3. Radiographic examination every 3 months
4. Continued response to vitality tests

Question id : 75270  Sequence id : NA  (Correct + 1.0 , Wrong - 0.33)
Total sterilization time at 15lb p.s.i. and 121ºC is
1. 20 min
2. 10 min
3. 30 min
4. 40 min

Question id : 75271  Sequence id : NA  (Correct + 1.0 , Wrong - 0.33)
A maxillary alginate impression is removed with a quick jerk to prevent
1. Syneresis
2. Permanent deformation
3. Elastic deformation
4. Surface details

Question id : 75272  Sequence id : NA  (Correct + 1.0 , Wrong - 0.33)
A relationship of the denture base that resists dislodgement of denture in the horizontal direction is
1. Stability
2. Pressure
3. Support
4. Retention

Question id : 75273  Sequence id : NA  (Correct + 1.0 , Wrong - 0.33)
Rigidity is mainly related to _____ part of the R.P.D.
1. Occlusal rest
2. Incisal rest
3. Minor connector
4. Major connector

Question id : 75274  Sequence id : NA  (Correct + 1.0 , Wrong - 0.33)
The following all are responsible for deflection of food except
1. Central fossa
2. Marginal ridges
3. Facial tooth contours
4. Lingual tooth contours
A test is said to be highly specific when it measures
1. True positive
2. True negative
3. False positive
4. False negative

Increase in which of the following properties of saliva is most likely to cause increase in caries activity
1. pH
2. Viscosity
3. Flow
4. Bicarbonate content

Main restriction of cavity varnishes is
1. Etching of porcelain restorations
2. Staining of silicate restorations
3. Nephrotoxicity
4. Restriction of diet

Which of the following is not essential for calculus formation
1. Increase in pH
2. Salivary mineral content
3. Bacteria
4. Mucopolysaccharides

The best indicator for recent hepatitis B infection is
1. H B s Ag
2. H B e Ag
3. H B c Ag
4. Antibodies against H B c Ag

Signs of hypoglycemia include the following except
1. Sweating
2. Mental confusion
3. Extensor plantar
4. Fall of blood pressure

Musty breath is found in
1. Uremia patient
2. Diabetic patient
3. Hepatic coma patient
4. None of the above

A patient with head injury should be carried in which position
1. Prone
2. Supine
3. Lateral
4. Sitting

Secondary haemorrhage may be seen in
1. 5 days
2. 10 days
3. 15 days
4. 20 days

Most common site of carcinoma tongue
1. Dorsum
2. Posterior third
3. Lateral margin
4. Anterior two third