

## PROVISIONAL ANSWER KEY

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 Exam: Dental Hygienist gr II  
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- Question1:-Where does Edakkal Caves situate?  
 A:-Pulpally  
 B:-Sultanbattary  
 C:-Manathavadi  
 D:-Ambukuthi  
 Correct Answer:- Option-D
- Question2:-The period of 12th Five year plan is...  
 A:-2012-2017  
 B:-1997-2002  
 C:-2007-2012  
 D:-2002-2007  
 Correct Answer:- Option-A
- Question3:-When was the Out India resolution passed?  
 A:-9 October 1942  
 B:-8 August 1942  
 C:-15 September 1942  
 D:-15 August 1942  
 Correct Answer:- Option-B
- Question4:-In which state does Somanath temple locate?  
 A:-Maharashtra  
 B:-Rajasthan  
 C:-Gujarat  
 D:-Uttar Pradesh  
 Correct Answer:- Option-C
- Question5:-Who raised the slogan 'Inquilab Sindabad'?  
 A:-Subash Chandra Bose  
 B:-B.R Ambedkar  
 C:-E M S Nambhootheripad  
 D:-Bhagat Singh  
 Correct Answer:- Option-D
- Question6:-Which is the second most populous state in India?  
 A:-West Bengal  
 B:-Uther Pradesh  
 C:-Rajasthan  
 D:-Maharashtra  
 Correct Answer:- Option-D
- Question7:-Poona Pact was signed between two great leaders of Indian national Monement.Who were they?  
 A:-Gandhi-Ambedkar  
 B:-Nehru-patel  
 C:-Gandhi-Jinnah  
 D:-Nehru-Subash Chandra Bose  
 Correct Answer:- Option-A
- Question8:-Who authored the book 'Jathikummi'?  
 A:-Jyothiba Phule  
 B:-Sahodaran Ayyappan  
 C:-Pandit Karuppan  
 D:-E V Ramaswami Naikkar  
 Correct Answer:- Option-C
- Question9:-Who had been the first leader of opposition in Kerala Assembly?  
 A:-T V Thomas  
 B:-P T Chacko  
 C:-E M S  
 D:-Rossamma Punnose  
 Correct Answer:- Option-B
- Question10:-Which film won the national award for the best feature film in 2014?  
 A:-Ship of Theseus  
 B:-ID  
 C:-Court  
 D:-Queen  
 Correct Answer:- Option-A
- Question11:-A new project is introduced by the central government to promote easy accessibility to bank loans for micro entrepreneurs.Name the project.  
 A:-PJYD  
 B:-NITI  
 C:-NREGP  
 D:-MUDRA  
 Correct Answer:- Option-D
- Question12:-Who is the Election commissioner of India?  
 A:-Y S Khureshi  
 B:-S H Brahma  
 C:-Nazim Saidi  
 D:-Naveen Chawla  
 Correct Answer:- Option-C
- Question13:-Which is the capital city of Yeman?  
 A:-Aden  
 B:-Sana'a  
 C:-Tehran  
 D:-Jibuthi  
 Correct Answer:- Option-B
- Question14:-Which malayalam novel secured the Vayalar Award in 2014?  
 A:-Delhi Gathakal  
 B:-Manushyanu Oru Amukham  
 C:-Paper Loadge  
 D:-Aarachar  
 Correct Answer:- Option-D
- Question15:-In which year N S S was formed?  
 A:-1912  
 B:-1914  
 C:-1910  
 D:-1913  
 Correct Answer:- Option-B
- Question16:-Who was the first General Secretary of SNDP Yogam?  
 A:-Kumaran Asan  
 B:- G K Pillai  
 C:-DR Palpu  
 D:-Sri Narayana Guru  
 Correct Answer:- Option-A
- Question17:-Who is the Spiritual leader of PRDS?  
 A:-Ayyankali  
 B:-Pambadi John Joseph  
 C:-Poikayil Yohannan  
 D:-Kallara Sukumaran  
 Correct Answer:- Option-C

Question18:-Where was the Kayyal Sarnmelanam conducted under the leadership of Ayyankali?

- A:-Changanacherry
- B:-Marthandam
- C:-Alappuzha
- D:-Kochi

Correct Answer:- Option-D

Question19:-Admavidya Sangaham was founded by...

- A:-Thycaud Ayya
- B:-Vagbhadanada
- C:-Viakunda Swami
- D:-Brahmanada Sivayogi

Correct Answer:- Option-B

Question20:-Which of the following state that does not share western Ghat?

- A:-Goa
- B:-Karnataka
- C:-Telungana
- D:-Tamilnadu

Correct Answer:- Option-C

Question21:-Which of the following is **not** an impression material for dentulous condition

- A:-Alginate
- B:-Agar
- C:-Impression compound
- D:-Addition silicone

Correct Answer:- Option-C

Question22:-Which of the following is a reversible impression material

- A:-Agar
- B:-Gypsum
- C:-Alginate
- D:-Zinc oxide eugenol impression paste

Correct Answer:- Option-A

Question23:-Which of the following is an elastomeric impression material

- A:-Impression compound
- B:-Alginate
- C:-Polyether
- D:-Zinc oxide eugenol impression paste

Correct Answer:- Option-C

Question24:-For the manipulation of acrylic, the polymer:monomer ratio by volume is,

- A:-1:3
- B:-3:1
- C:-2:1
- D:-1:2

Correct Answer:- Option-B

Question25:-Type III Gypsum product is

- A:-Impression plaster
- B:-Dental stone
- C:-Dental stone , High strength
- D:-Dental stone, High strength , High expansion

Correct Answer:- Option-B

Question26:-The accelerator solution for Zinc oxide eugenol impression paste contains,

- A:-Silica
- B:-Borax
- C:-Potassium sulphate
- D:-Calcium chloride

Correct Answer:- Option-D

Question27:-The fluid resin technique is for;

- A:-Fabrication of denture bases
- B:-Pouring of casts
- C:-Manipulation of alginate
- D:-Manipulation of addition silicone

Correct Answer:- Option-A

Question28:-The most popular implant material is

- A:-Stainless Steel
- B:-Nickel Chromium alloy
- C:-Cobalt Chromium alloy
- D:-Titanium

Correct Answer:- Option-D

Question29:-The retarder present in alginate is

- A:-Sodium phosphate
- B:-Calcium sulphate
- C:-Potassium titanium fluoride
- D:-Zinc oxide

Correct Answer:- Option-A

Question30:-The component in inlay wax which improve its smoothness in molding and make it more resistant to cracking and flaking is

- A:-Paraffin wax
- B:-Gum dammar
- C:-Carnauba wax
- D:-Candelilla wax

Correct Answer:- Option-B

Question31:-Lipschutz bodies are a common pathological feature of

- A:-Sarcoidosis
- B:-Primary Herpetic Stomatitis
- C:-Syphilis
- D:-Recurrent Aphthous Stomatitis

Correct Answer:- Option-B

Question32:-A sharp bend in the crown or root of a tooth results in

- A:-Dilaceration
- B:-Gemination
- C:-Turner's hypoplasia
- D:-Concrescence

Correct Answer:- Option-A

Question33:-Antoni Type A tissue and Antoni Type B tissue are characteristic features of

- A:-Osteosarcoma
- B:-Neurofibroma
- C:-Schwannoma
- D:-Neurofibrosarcoma

Correct Answer:- Option-C

Question34:- Characteristic lesions of Erythema multiforme are called

- A:-Tzanck cells
- B:-Nikolsky's sign
- C:-Wickham's striae
- D:-Bull's eye

Correct Answer:- Option-D

Question35:- Liesegang's rings and driven snow appearance are characteristic features of

- A:-Calcifying epithelial odontogenic tumor
- B:-Squamous odontogenic tumor
- C:-Odontome
- D:-Ameloblastoma

Correct Answer:- Option-A

Question36:- Most common malignancy of the oral cavity is

- A:-Adenocarcinoma

- B:-Basal cell carcinoma  
C:-Malignant melanoma  
D:-Squamous cell carcinoma  
Correct Answer:- Option-D
- Question37:-Eburation of Dentin is seen in  
A:-Radiation caries  
B:-Rampant caries  
C:-Arrested caries  
D:-Pit and fissure caries  
Correct Answer:- Option-C
- Question38:- Mucocoele commonly occurs on the  
A:-Upper lip  
B:-Lower lip  
C:-Buccal mucosa  
D:-Palate  
Correct Answer:- Option-B
- Question39:-Most common malignant salivary gland tumor in children  
A:-Acinic cell carcinoma  
B:-Polymorphous low grade adenocarcinoma  
C:-Adenoid cystic carcinoma  
D:-Mucoepidermoid carcinoma  
Correct Answer:- Option-D
- Question40:-The virus group that is associated with Squamous Papilloma is  
A:-Human Papova virus  
B:-Human Immunodeficiency virus  
C:-Herpes simplex virus  
D:-Paramyxovirus  
Correct Answer:- Option-A
- Question41:-Disclosing agent is used to detect  
A:-Dental caries  
B:-Plaque  
C:-Malocclusion  
D:-Tooth vitality  
Correct Answer:- Option-B
- Question42:-Most commonly used mouth wash  
A:-Hydrogen peroxide  
B:-Saline  
C:-Chlorhexidine  
D:-Sodium fluoride  
Correct Answer:- Option-C
- Question43:-Safely tolerated dose of Fluoride is  
A:-8-16mg/kg body wt  
B:-16-32 mg/kg body wt  
C:-32-64mg/kg body wt  
D:-1-8mg/kg body wt  
Correct Answer:- Option-A
- Question44:-'Trench mouth' is the alternative name for  
A:-Plaque induced gingivitis  
B:-Herpetic gingivitis  
C:-Acute necrotizing ulcerative gingivitis  
D:-Eruption gingivitis  
Correct Answer:- Option-C
- Question45:-First deciduous tooth to erupt into oral cavity  
A:-Mandibular first molar  
B:-Maxillary canine  
C:-Maxillary central incisor  
D:-Mandibular central incisor  
Correct Answer:- Option-D
- Question46:-All are permanent restorative materials EXCEPT  
A:-Glass ionomer  
B:-Composite  
C:-Amalgam  
D:-Zinc oxide eugenol  
Correct Answer:- Option-D
- Question47:-Brushing technique used in children  
A:-Fones method  
B:-Stillmanns metod  
C:-Charters method  
D:-Wilson's method  
Correct Answer:- Option-A
- Question48:-Advantages of Glass ionomer cement are all EXCEPT  
A:-Fluoride release  
B:-Aesthetics  
C:-Chemical bond  
D:-Mechanical bond  
Correct Answer:- Option-D
- Question49:-Normal Eruption sequence of deciduous teeth  
A:-ABCDE  
B:-ABDEC  
C:-ABDCE  
D:-EABCD  
Correct Answer:- Option-C
- Question50:-Brudevold technique is used with  
A:-Stannous fluoride  
B:-APF  
C:-Sodium Fluoride  
D:-Fluoride varnish  
Correct Answer:- Option-B
- Question51:-Activator in developer solution is  
A:-Potassium Bromide  
B:-Sodium Sulfite  
C:-Sodium Carbonate  
D:-Hydroquinone  
Correct Answer:- Option-C
- Question52:-In an X-ray tube, X-rays originate from  
A:-Tungsten Filament  
B:-Tungsten target  
C:-Focusing cup  
D:-Copper stem  
Correct Answer:- Option-B
- Question53:-According to position and distance rule to reduce the occupational radiation exposure, operator should be away from source by a distance of  
A:-6 feet  
B:-4 feet  
C:-5 feet  
D:-8 feet  
Correct Answer:- Option-A
- Question54:-X -ray beam can be restricted in size by using  
A:-Filter  
B:-Collimator  
C:-Intensifying screen

- D:-Grids  
Correct Answer:- Option-B
- Question55:-The transformer used to heat the tungsten filament of an X-ray tube is  
A:-Step up transformer  
B:-Auto transformer  
C:-Transducer  
D:-Step down transformer  
Correct Answer:- Option-D
- Question56:-Standard intraoral periapical film size for adults is  
A:-Size 0  
B:-Size 1  
C:-Size 2  
D:-Size 4  
Correct Answer:- Option-C
- Question57:-The SI unit of Radiation absorbed dose is  
A:-Rad  
B:-Rem  
C:-Sievert  
D:-Gray  
Correct Answer:- Option-D
- Question58:-X -ray filters are most commonly made up of  
A:-Aluminium  
B:-Zinc  
C:-Lead  
D:-Tungsten  
Correct Answer:- Option-A
- Question59:-Which of the following is most susceptible to radiation  
A:-Nerve  
B:-Blood forming tissue  
C:-Muscle  
D:-Brain  
Correct Answer:- Option-B
- Question60:-Reflecting layer in an intensifying screen is made up of  
A:-Titanium Dioxide  
B:-Calcium Tungstate  
C:-Lithium Bromide  
D:-Lanthanum Oxybromide  
Correct Answer:- Option-A
- Question61:-The four principal components of periodontium consists of ?  
A:-Gingiva , cementum , alveolar bone & oral mucosa  
B:-Gingiva , cementum , alveolar bone & periodontal ligament  
C:-Gingiva , cementum , periodontal ligament & connective tissue  
D:-Gingiva , alveolar bone , cementum & keratinizing mucosa  
Correct Answer:- Option-B
- Question62:-The tooth surface which least accumulation of plaque is seen in ?  
A:-Facial  
B:-Mesial  
C:-Distal  
D:-Lingual  
Correct Answer:- Option-D
- Question63:-'Periodontal disease results from the elaboration of noxious products by the entire plaque flora' is the basic principle of ?  
A:-Non specific plaque hypothesis  
B:-Specific plaque hypothesis  
C:-Ecological plaque hypothesis  
D:-Socransky's hypothesis  
Correct Answer:- Option-A
- Question64:-Organ systems & conditions possibly influenced by periodontal infection are all except  
A:-Reproductive system  
B:-Musculo- skeletal system  
C:-Cardiovascular system  
D:-Endocrine system  
Correct Answer:- Option-B
- Question65:-Gingivitis confined to one or more inter dental spaces in a limited area is termed as?  
A:-Localized marginal gingivitis  
B:-Localized papillary gingivitis  
C:-Localized diffuse gingivitis  
D:-Diffuse gingivitis  
Correct Answer:- Option-B
- Question66:-The functional unit referred to as dento-gingival unit consists of ?  
A:-Periodontal ligament fibers & gingival fibers  
B:-Sharpy's fibers & cementum  
C:-Junctional epithelium & gingival fibers  
D:-Cementum & gingival fibers  
Correct Answer:- Option-C
- Question67:-The ingredient in tartar control tooth paste which has shown to reduce deposition of new calculus on teeth is ?  
A:-Pyrophosphates  
B:-Flourides  
C:-Polyvinyl chlorides  
D:-Silicones  
Correct Answer:- Option-A
- Question68:-The interdental aid recommended for the area with no interdental papillae is ?  
A:-Dental floss  
B:-Super floss  
C:-Interproximal brush  
D:-Single tufted brush  
Correct Answer:- Option-D
- Question69:-The protective inflammatory & immune process in response to plaque biofilm , resulting in tissue damage of the host is termed as ?  
A:-Autologous damage  
B:-Immune complex damage  
C:-Bystander damage  
D:-Reciprocal damage  
Correct Answer:- Option-C
- Question70:-For patients with periodontal disease, the term 'target hygiene' refers to ?  
A:-teaching a sulcular brushing using vibratory motion  
B:-attaining an oral hygiene level with no plaque  
C:-attaining optimal gingival health with no bleeding  
D:-attaining optimal periodontal health with no disease  
Correct Answer:- Option-A
- Question71:-Cutting through tissues and separating tissue planes is called  
A:-Curettage  
B:-Resection  
C:-Dissection  
D:-Secondary repair  
Correct Answer:- Option-C
- Question72:-Transplantation of tissues or organs between different species is called  
A:-Xenogenic  
B:-Alloplastic  
C:-Autogenous  
D:-Allogenic  
Correct Answer:- Option-A

Question73:-Causes of Oro Antral communication

- A:-Maxillary Pre prosthetic surgery
- B:-Mandibular Pre Prosthetic surgery
- C:-Implant placement in Mandible
- D:-Option 2 and 3

Correct Answer:- Option-A

Question74:-Stobie s technique is

- A:-Extraction of Mandibular incisors
- B:-Zygomatic arch elevation
- C:-Inferior Alveolar nerve block technique
- D:-Answer not in options

Correct Answer:- Option-A

Question75:-Which of the following is a common component of dental forceps and elevators ?

- A:-Handle
- B:-Hinge
- C:-Shank
- D:-Blade

Correct Answer:- Option-A

Question76:-Surgical emphysema may be caused by

- A:-Use of high speed air turbine handpieces with the exhaust facing the surgical side
- B:-Increased intraoral pressure
- C:-Use of hydrogen peroxide in the surgical wound
- D:-All the above options

Correct Answer:- Option-D

Question77:-Which is the most efficient fixation technique in fracture mandible central crossing the midline region ?

- A:-Mono cortical compression plating
- B:-Bi cortical compression plating
- C:-Lag screw
- D:-Use of 3 D plates

Correct Answer:- Option-B

Question78:-Which of the following is NOT a function of Zygoma ?

- A:-Protection of globe and associated structures
- B:-Origination of masseter muscle
- C:-Transmission of part of the masticatory forces to the cranial base
- D:-Insertion of the temporalis muscle

Correct Answer:- Option-D

Question79:-Port wine stain is

- A:-Capillary hemangioma
- B:-Capillary malformation
- C:-Congenital dermal vascular ectasia
- D:-Option 2 and 3

Correct Answer:- Option-D

Question80:-Lincoln s highway is associated with

- A:-Head and neck infections
- B:-Spread of oral malignancy
- C:-Options 1 and 2
- D:-None of the above.

Correct Answer:- Option-A

Question81:-mercury intoxication in dental office mainly results from

- A:-old amalgam scraps
- B:-ingestion of mercury
- C:-inhalation of mercury vapours
- D:-direct contact with mercury

Correct Answer:- Option-C

Question82:-cold test can be best performed using

- A:-dichlorodifluoro methane
- B:-ethylchloride spray
- C:-carbon dioxide snow
- D:-ice stick

Correct Answer:- Option-C

Question83:-guttapercha is best sterilized by

- A:-immersion in 5.25 % sodium hypochlorite
- B:-immersion in alcohol
- C:-dry heat
- D:-glass bead sterilizer

Correct Answer:- Option-A

Question84:-dental cement that adhere chemically to tooth structure is

- A:-zinc phosphate
- B:-resin cements
- C:-calcium hydroxide
- D:-glass ionomer cements

Correct Answer:- Option-D

Question85:-the proponent of acid etching was

- A:-dennis smith
- B:-michael buonocore
- C:-nakabayashi
- D:-fusayama

Correct Answer:- Option-B

Question86:-bleaching in vital teeth is done using

- A:-walking bleach
- B:-sodium perborate
- C:-carbaryl peroxide
- D:-sodium hypochlorite

Correct Answer:- Option-C

Question87:-affected dentin is

- A:-contaminated with bacteria
- B:-not invaded by bacteria
- C:-to be removed before restoration
- D:-known as secondary dentin

Correct Answer:- Option-B

Question88:-dental composites can be light cured by

- A:-QTH
- B:-LED
- C:-plasma arc
- D:-all of the above

Correct Answer:- Option-D

Question89:-apex locators are used to

- A:-locate calcified canals
- B:-determine working length
- C:-to test pulp vitality
- D:-to locate peri apical lesions

Correct Answer:- Option-B

Question90:-infected symptomatic root canals contain great numbers of

- A:-streptococci
- B:-actinomyces
- C:-lactobacilli
- D:-bacteriodes

Correct Answer:- Option-C

Question91:-18-8 Stainless steel alloy contains

- A:-18% cobalt and 8% nickel

- B:-18% nickel and 8% chromium
- C:-18% chromium and 8% nickel
- D:-18% cobalt and 8% chromium

Correct Answer:- Option-C

Question92:-Glass Ionomer Cement used for luting is

- A:-Type I
- B:-Type II
- C:-Type III
- D:-None of the above

Correct Answer:- Option-A

Question93:-Superelasticity in certain NiTi alloys is due to phase transition from

- A:-Ferrite to Austenite
- B:-Austenite to Martensite
- C:-Martensite to Austenite
- D:-Austenite to Ferrite

Correct Answer:- Option-B

Question94:-Orthodontic pliers may corrode due to

- A:-Steam under Pressure Sterilization
- B:-Dry Heat Sterilization
- C:-Chemical Vapour Sterilization
- D:-None of the above

Correct Answer:- Option-A

Question95:-Titanium brackets are used in patients allergic to

- A:-Chromium
- B:-Cobalt
- C:-Manganese
- D:-Nickel

Correct Answer:- Option-D

Question96:-In Glass Bead Sterilization, the heat range should not exceed

- A:-150°C
- B:-200°C
- C:-250°C
- D:-300°C

Correct Answer:- Option-C

Question97:-Ideal Sterilization method for instruments that may be prone to corrosion or heat damage is

- A:-Dry Heat Sterilization
- B:-Chemical Vapour Sterilization
- C:-Glass Bead Sterilization
- D:-Ethylene oxide Sterilization

Correct Answer:- Option-D

Question98:-Separators used in fixed orthodontic appliances are

- A:-Passive components
- B:-Active components
- C:-Both active and passive component
- D:-None of the above

Correct Answer:- Option-B

Question99:-During orthodontic treatment, there is proliferation of the interdental papillae.To increase the circulation and to prevent formation of pendulous fibrous areas, it is recommended to use

- A:-a hard rubber interdental stimulator
- B:-a soft rubber interdental stimulator
- C:-a soft multitufted tooth brush
- D:-a hard multitufted tooth brush

Correct Answer:- Option-B

Question100:-Elgiloy orthodontic wires are also called as

- A:-Cobalt Chromium
- B:-Beta-titanium
- C:-Nitinol
- D:-Coaxial archwires

Correct Answer:- Option-A