

PGD-CET 2015 QUESTION BOOKLET

Question Booklet Version	PGD - CET - 2015 Roll No.	Question Booklet Sr. No.								
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3	3									
	Answer Sheet No.	(Write this number on your Answer Sheet)								

Day and Date : Sunday, 4th January, 2015

Time: 10.00 a.m. to 11.30 a.m.

Duration: 1 Hour 30 Minutes

Total Marks : 100

This is to certify that, the entries of PGD-CET Roll No. and Answer Sheet No. have been correctly written and verified.

Candidate's Signature

Invigilator's Signature

Instructions to Candidates

- The Question Booklet has one seal sticker. Examinee should open the seal at 10.00 a.m.**
- This question booklet contains 100 Objective Type Questions (Single Best Response Type MCQ) in the subjects of BDS.
- The **Question Paper** and **OMR (Optical Mark Reader) Answer Sheets** are issued to examinees separately at the beginning of the examination session.
- Choice and sequence for attempting questions will be as per the convenience of the candidate.
- Candidate should carefully read the instructions printed on the Question Booklet and Answer Sheet and make the correct entries on the Answer Sheet. As Answer Sheets are designed to suit the OPTICAL MARK READER (OMR) SYSTEM, special care should be taken to mark appropriate entries/answers correctly. Special care should be taken to fill QUESTION BOOKLET VERSION, SERIAL No. and PGD-CET Roll No. accurately. The correctness of entries has to be cross-checked by the invigilators. **The candidate must sign on the Answer Sheet and Question Booklet.**
- Read each question carefully.
Determine **ONE** correct answer from out of the four available options given for each question.
All the candidates are instructed to **carefully see in Question Booklet the Serial No. of MCQ and the sequence of options A), B), C) and D) in the MCQ** while entering the answer in the Answer Sheet.
- Fill the appropriate circle completely like this ●, for answering the particular question, with **Black ink Ball point pen only**, in the OMR Answer Sheet. Candidate should completely darken one and the only one best response (oval). Candidate should not use any other method for answering i.e. half circle, dot, tick mark, cross etc. as these may not be read by the scanner. Answer Sheet of each candidate will be evaluated by computerized scanning method only (Optical Mark Reader) and there will not be any manual checking during evaluation and verification.
- Each answer with correct response shall be awarded one (1) mark. There is **No Negative Marking**. If the examinee has marked two or more answers or has done scratching and/or overwriting in the Answer Sheet in response to any question, or has marked the circles inappropriately, mark(s) shall NOT be awarded for such answer/s.
- Use of whitener or any other material to erase/hide the circle once filled is not permitted.
Avoid overwriting and/or striking of answers once marked.
- Rough work should be done only on the blank space provided on the Question Booklet. **Rough work should not be done on the Answer Sheet.**
- Confirm that both the candidate and invigilator have signed on question booklet and answersheet. Immediately after the prescribed examination time is over, the **Question Booklet and Answer Sheet are to be returned to the invigilator.**
- No candidate is allowed to leave the examination hall till the examination session is over.

P.T.O.



(DO NOT WRITE HERE)

SPACE FOR ROUGH WORK



1. All the following conditions can lead to depapillation of the tongue EXCEPT
 - A) Plummer-Vinson syndrome
 - B) Amyloidosis
 - C) Pernicious anemia
 - D) Luetic glossitis
2. In which type of examination method, mirror explorer and good illumination is used ?
 - A) Type 1
 - B) Type 2
 - C) Type 3
 - D) Type 4
3. Multiple Regression Analysis is applied to
 - A) Compare medians of two independent samples
 - B) Compare medians of several independent samples
 - C) Test association between two categorical variables
 - D) Tests relation between dependent variable and several independent variables
4. Physical Quality of life index includes
 - A) Life expectancy at birth, adult literacy rate and income
 - B) Infant mortality rate, life expectancy at birth and income
 - C) Infant mortality rate, life expectancy at age one and literacy
 - D) Adult literacy rate, income life expectancy at age one
5. Formative evaluation of a programme is done
 - A) For actualization and final operation of programme
 - B) To decide to continue or terminate the programme
 - C) To judge the merit of programme after it has been in operation
 - D) To examine process as they are taking place
6. C-shaped canals are found most commonly in
 - A) Mandibular 1st molar
 - B) Mandibular 2nd molar
 - C) Maxillary 1st molar
 - D) Maxillary 2nd molar
7. The most conservative tooth preparation for amalgam is prepared with
 - A) No. 245 bur
 - B) No. 330 bur
 - C) No. 169L bur
 - D) No. 271 bur



8. First step in removal of Rubber dam is
- A) Removing the retainer B) Removing the dam
C) Cutting the rubber dam septa D) Removing the frame
9. Atraumatic Restorative Treatment (ART) technique utilises
- A) Glass ionomer cement B) Composite resin
C) Silver amalgam D) Reinforced zinc oxide eugenol cement
10. The Tin-Mercury Phase (γ_2) of silver amalgam undergoes
- A) Surface corrosion B) Penetrating corrosion
C) No corrosion D) Delayed corrosion
11. The muscle of mastication responsible for wide opening of mouth is
- A) Medial pterygoid B) Lateral pterygoid
C) Masseter D) Temporalis
12. Which one of the following syndrome patient exhibits webbing of neck ?
- A) Klinefelter syndrome B) Down syndrome
C) Turner syndrome D) Edward syndrome
13. The lymphatics from the median part of the forehead drains to
- A) Submandibular nodes B) Submental nodes
C) Preauricular parotid nodes D) Upper deep cervical nodes
14. The mode of secretion of sebaceous gland is
- A) Merocrine B) Holocrine C) Apocrine D) Eccrine
15. Which of the following is a derivative of the second (2nd) pharyngeal arch ?
- A) Malleus B) Incus C) Stapes D) Maxilla
16. Adequate vestibular depth is important for
- A) Good aesthetics B) Good occlusion
C) Good oral hygiene D) Muscular function
17. Paroxysmal lacrimation during mastication occurs due to damage to
- A) Facial nerve B) Auriculotemporal nerve
C) Oculomotor nerve D) Mandibular nerve



18. The colloidal plasma expander used in treatment of hypovolemic shock is
- A) 5% dextrose saline B) Normal saline
C) Ringer lactate D) 6% dextran
19. Which of the following graft has high success rate ?
- A) Autogenous graft B) Allogenic graft
C) Isogenic graft D) Xenograft
20. Which of the following cyst has highest rate of recurrence ?
- A) Dentigerous cyst B) Keratocyst
C) Radicular cyst D) Follicular cyst
21. Pigmented lesions of oral mucosa do occur because of the consumption of following drugs EXCEPT
- A) Nifedipine B) Zidovudine
C) Minocycline D) Oral contraceptives
22. The recommended target HbA_{1C} to minimise the risk of vascular complications in diabetic individual is
- A) 10% or more B) 8% C) 7% or less D) 9%
23. When hypothyroidism is caused by pituitary dysfunction (Central hypothyroidism), the following profile is present
- A) Goitre present, raised TSH, low T₃, T₄
B) No goitre, reduced TSH, low T₃, T₄
C) No goitre, raised TSH, low T₃, T₄
D) Goitre present, reduced TSH, low T₃, T₄
24. A pathogen that causes a haemorrhagic fever that is NOT endemic in India is
- A) Plasmodium falciparum B) Ebola virus
C) Leptospira D) Dengue



25. High risk cardiac lesions for which endocarditis prophylaxis is advised before dental procedures include the following EXCEPT
- A) Prosthetic heart valves
 - B) Uncomplicated rheumatic heart disease
 - C) Unrepaired congenital cyanotic heart disease
 - D) Valvulopathy developing after cardiac transplantation
26. A patient reports with circumorbital ecchymosis, sub conjunctival hemorrhage at outer canthus of eye and limitation of mandibular movement. The most likely diagnosis is
- A) Zygomatic complex fracture
 - B) Lefort I fracture
 - C) Naso-orbito-ethmoidal fracture
 - D) Mandibular fracture
27. Augmentation genioplasty is done to
- A) Correct facial asymmetry
 - B) Increase the chin projection
 - C) Increase the facial height vertically
 - D) Reduce the symphysis
28. Treatment of choice for palatal hyperplasia occurring due to denture irritation is
- A) Discontinuation of dentures
 - B) Radicular excision
 - C) Supraperiosteal excision
 - D) No treatment necessary
29. K-flex file is traditionally made from
- A) Triangular blank
 - B) Rhomboid blank
 - C) Square blank
 - D) Round blank
30. Patient is undergoing a treatment for nonvital discolored central incisor i.e. nonvital tooth bleaching procedure which may cause
- A) Internal resorption
 - B) Cervical resorption
 - C) External resorption
 - D) Condensing osteitis
31. Radius of action of bacterial plaque which can induce loss of bone is
- A) 0.5 mm to 1.5 mm
 - B) 1.5 mm to 2.5 mm
 - C) 2.5 mm to 3.5 mm
 - D) 3.5 mm to 4.5 mm



32. The length of junctional epithelium ranges from :
- A) 0.25 to 1.35 mm B) 0.35 to 1.25 mm
C) 0.25 to 1.50 mm D) 0.35 to 1.50 mm
33. Osteoporosis is a skeletal condition characterised by
- A) Decreased mineral density B) Decreased blood flow
C) Decreased healing D) Decreased local calcium uptake
34. The strip technique which is a variant of free gingival graft was developed by
- A) Rateitschak et. al. B) Han et. al.
C) Edel et. al. D) Bjorn et. al.
35. Necrotizing Ulcerative Gingivitis has been demonstrated to be :-
- A) Communicable but not transmissible
B) Both communicable and transmissible
C) Transmissible but not communicable
D) Neither transmissible nor communicable
36. Removal of stomach in peptic ulcer results in
- A) Aplastic anaemia B) Megaloblastic anaemia
C) Thalassemia D) Sickle cell anaemia
37. Pain sensation is transmitted by
- A) A alpha and B fibers B) A alpha and C fibers
C) A delta and B fibers D) A delta and C fibers
38. Saliva has the following functions EXCEPT
- A) Defence function B) Digestive function
C) Absorptive function D) Lubrication function
39. Phenylketonuria is due to defect of the following enzyme
- A) Phenylalanine hydroxylase B) Tyrosine hydroxylase
C) Tyrosinase D) Homogentisate oxidase
40. Which of the following vitamins is essential for synthesis of coagulation factor prothrombin ?
- A) Vitamin C B) Vitamin K C) Vitamin A D) Vitamin D



41. CARE stands for
- A) Co-operative for Assistance and Relief Everywhere
 - B) Council of American Relief for Everybody
 - C) Central Association of Relief in Emergency
 - D) Children Association of Relief in Emergency
42. The Central Government Health Scheme (CGHS) was established in the year
- A) 1948
 - B) 1953
 - C) 1954
 - D) 1955
43. The tissue stops should engage buccal and lingual slopes of residual ridge for
- A) Stability
 - B) Support
 - C) Retention
 - D) Reciprocation
44. Complete denture patients have a preference for which region, when consistency of food is tough
- A) 2nd molar region
 - B) 1st molar region
 - C) Premolar region
 - D) Premolar and molar region
45. The most commonly used pontic design in the appearance zone for both maxillary and mandibular fixed partial dentures is
- A) Ridge lap
 - B) Hygienic
 - C) Conical
 - D) Modified ridge lap
46. The most potent diuretic amongst the following is
- A) Bumetanide
 - B) Furosemide
 - C) Torsemide
 - D) Ethacrynic acid
47. The anti-retroviral drug used in low dose to boost other protease inhibitors is
- A) Atazanavir
 - B) Indinavir
 - C) Saquinavir
 - D) Ritonavir
48. The standard local anaesthetic preparation used in dental practice is
- A) Lidocaine (2%) with adrenaline (1 : 80,000)
 - B) Dibucaine (2%)
 - C) Bupivacaine (0.5%) with adrenaline (1 : 200,000)
 - D) Ropivacaine



49. Antiepileptic drug producing gum hypertrophy as adverse effect is
- A) Phenytoin
 - B) Carbamazepine
 - C) Gabapentin
 - D) Lamotrigine
50. Amlodipine is used in the treatment of hypertension because it
- A) reduces heart rate
 - B) is a diuretic
 - C) inhibits calcium channel in the blood vessels
 - D) reduces sympathetic activity
51. All are the features of Surgical Inflammatory Response Syndrome (SIRS), EXCEPT
- A) Hyperthermia
 - B) Tachycardia
 - C) Hypothermia
 - D) Bradycardia
52. Plunging Ranula is a type of
- A) Retention cyst
 - B) Extravasation cyst
 - C) Implantation cyst
 - D) Malignant tumor
53. In ABCDE of trauma care D stands for
- A) Disease
 - B) Disorder
 - C) Disability
 - D) Destruction
54. This is a reason for tissue analysis in surgery after Histopathology
- A) FNAC repeated
 - B) To confirm a suspected or established clinical diagnosis for prognosis of treatment
 - C) To confirm radiological study
 - D) Data recording
55. Patient of Ca tongue Rt. lateral margin has single contralateral (Left) submandibular metastatic lymph node of size 4 cm, the patients lymph node staging is
- A) N_{2a}
 - B) N_{2b}
 - C) N_{2c}
 - D) N₃



56. Which of the following is INCORRECT condition – Drug combination ?
- A) HIV-AIDS – Azidothymidine
 - B) Herpes zoster – Azathioprine
 - C) Migraine – Ergotamine
 - D) Rheumatoid arthritis – Methotrexate
57. A 40 year old male patient presents with a painless swelling causing fullness of upper lip and elevation of nostril on left side. The only positive radiographic finding is unilateral elevation of floor of nasal cavity-probable diagnosis is
- A) Globulomaxillary cyst
 - B) Polyp in the nasal cavity
 - C) Radicular cyst
 - D) Nasolabial cyst
58. Which of the following structures/objects can give risk to Ghost image on orthopantomograph (OPG) ?
- A) Nose ring
 - B) Vertical ramus of mandible
 - C) Foreign body in upper lip
 - D) Lip ornament
59. An ‘onion-skin appearance’ is a radiographic feature of
- A) Garre’s osteomyelitis
 - B) Paget’s disease
 - C) Fibrous dysplasia
 - D) Periapical cemental dysplasia
60. A pathergy test can be performed for the diagnosis of
- A) Sjogren’s syndrome
 - B) Behcet’s syndrome
 - C) Stevens Johnson syndrome
 - D) Grinspan syndrome
61. Angles classification is based on the postulate that key to occlusion is
- A) Maxillary 1st Molar
 - B) Mandibular 1st Molar
 - C) Maxillary Canine
 - D) Mandibular Canine
62. Implants used in orthodontics are
- A) Endo-osseous implants
 - B) Transosseous implants
 - C) Micro implants
 - D) Bioresorbable implants



63. The length of tongue spike in tongue thrusting habit breaking appliance should be upto the
- A) Incisal edges of maxillary incisors
 - B) Incisal edges of mandibular incisors
 - C) Cingulum of mandibular incisors
 - D) Cervical margin of mandibular incisors
64. Cephalometric tracing showing superimposition from pre-treatment to retention, the post-treatment tracing is done in
- A) Black colour
 - B) Red colour
 - C) Green colour
 - D) Blue colour
65. Intravenous dose of midazolam is
- A) 0.05 – 0.1 mg/kg
 - B) 0.01 – 0.05 mg/kg
 - C) 0.4 – 1 mg/kg
 - D) 0.2 – 0.3 mg/kg
66. Amongst the non-keratinocytes of oral epithelium the non-dendritic tactile sensory cells present in the basal cell layer are
- A) Melanocytes
 - B) Langerhan cells
 - C) Lymphocytes
 - D) Merkel cells
67. The dentin with greater degree of Mineralization is
- A) Inter globular dentin
 - B) Inter tubular dentin
 - C) Peri tubular dentin
 - D) Secondary dentin
68. Permanent mandibular first molar is a common site for all the lesions EXCEPT
- A) Pulp polyp
 - B) Condensing osteitis
 - C) Lateral periodontal cyst
 - D) Benign cementoblastoma
69. Thrush refers to
- A) Acute pseudomembranous candidiasis
 - B) Acute atrophic candidiasis
 - C) Chronic atrophic candidiasis
 - D) Chronic hyperplastic candidiasis



70. The radiographic appearance of cherubism is
- A) Unilateral, multilocular radiolucency
 - B) Unilateral, unilocular radiolucency
 - C) Bilateral, unilocular radiolucency
 - D) Bilateral, multilocular radiolucency
71. Indications for use of stainless steel crowns in primary teeth are all EXCEPT
- A) Restoration of hypoplastic teeth
 - B) Following pulpotomy or pulpectomy procedure
 - C) Teeth which are not restorable
 - D) As an abutment for space maintainer
72. The ideal method for restoring a fractured tooth is
- A) Open faced stainless steel crown
 - B) Reattachment of fractured tooth segment
 - C) Stripcrown
 - D) Composite resin restoration
73. The window of infectivity during which teeth get infected with S. Mutans is
- A) 7 – 14 months
 - B) 19 – 33 months
 - C) 35 – 64 months
 - D) 6 – 7 years
74. When dentist says, “I can not fix your teeth if you do not open your mouth wide”, he is employing.
- A) Voice control
 - B) Behaviour shaping
 - C) Negative reinforcement
 - D) Problem ownership
75. In regenerative endodontic therapy of young permanent teeth, metronidazole is replaced by
- A) Ornidazole
 - B) Doxycycline
 - C) Chloramphenicol
 - D) Cloxacillin
76. The tensile strength of dental amalgam is
- A) 27 – 55 MPa
 - B) 60 – 100 MPa
 - C) 120 – 140 MPa
 - D) 18 – 20 MPa



77. Which of the following factor DOES NOT contribute for maintaining occlusal stability ?
- A) Embrasures
B) Tooth structure
C) Loss of teeth
D) Periodontal disease
78. Mandibular 2nd premolar of three cusp type is derived from
- A) two lobes
B) three lobes
C) four lobes
D) five lobes
79. First evidence of calcification in Permanent Maxillary Lateral incisor is
- A) At birth
B) 3 – 4 months
C) 8 months
D) 12 months
80. The premature loss of Reduced Enamel Epithelium (REE) permits connective tissue to come in direct contact with enamel thus depositing a thin layer of cementum on the cervical enamel. This cementum is of which type ?
- A) Cellular mixed fiber cementum
B) Cellular mixed stratified cementum
C) Acellular extrinsic fiber cementum
D) Acellular afibrillar cementum
81. Keratinising metaplasia of salivary glands results due to deficiency of
- A) Vitamin A B) Thiamine C) Riboflavin D) Vitamin E
82. Brown tumor of hyperparathyroidism is histologically identical to
- A) Pyogenic granuloma
B) Periapical granuloma
C) Fibrous dysplasia
D) Central giant cell granuloma
83. The most common site for oral soft tissue metastasis is
- A) Buccal mucosa
B) Gingiva
C) Floor of the mouth
D) Tongue
84. Symbolic stripped 'Y' classification for cleft lip and palate was given by
- A) Veou
B) Kernahan
C) Jackson
D) Edward H. Angle



85. According to the type of movement of the Anchorage unit it can be classified as all EXCEPT
- A) Simple B) Compound C) Reciprocal D) Stationary
86. Which of the following is NOT a natural abrasive ?
- A) Arkansas stone B) Pumice
C) Tripoli D) Rouge
87. In condensation silicone, the condensation reaction between –OH groups – and tetraethyl orthosilicate takes place in presence of
- A) Platinum salt B) Stannous octate
C) Trisodium phosphate D) Ethyl alcohol
88. Which investment material is used in the construction of high fusing base metal partial denture alloys ?
- A) Gypsum bonded B) Phosphate bonded
C) Silicate bonded D) Resin bonded
89. Non cohesive gold provided by manufacturer is treated by protective gas film of :
- A) Ammonia B) Ethanol
C) Formaldehyde D) Camphorated phenol
90. Which of the following is false about glass ionomer cement ?
- A) Acid treatment of the tooth surface is required before placement
B) Poor marginal seal
C) Low fracture resistance
D) Has ability to renew broken ionic bonds
91. Most important advantage of using overdenture is
- A) Provide proprioception from PDL to patient while chewing
B) The apparent ease with which patient seems to adapt to overdenture
C) Overdenture is easier to construct than a conventional denture
D) Decrease Alveolar Ridge Resorption
92. The Lingual Bar connector is
- A) 4 guage, oval shaped B) 4 guage, half pear shaped
C) 6 guage, oval shaped D) 6 guage, half pear shaped



93. Flabby ridge is seen most commonly in the
- A) anterior maxilla
 - B) posterior maxilla
 - C) anterior mandible
 - D) posterior mandible
94. The term ‘arcon’ is coined by
- A) Hanau
 - B) Bergstrom
 - C) Winkler
 - D) Gysi
95. The hemidesmosomes of the basal epithelial cells of the gingival epithelium abut the
- A) lamina propria
 - B) lamina lucida
 - C) lamina densa
 - D) lamina dura
96. Hallmark of Tuberculous Inflammation are EXCEPT
- A) Caseous necrosis
 - B) Langhan’s giant cells
 - C) Epitheloid cell granuloma
 - D) Liquefactive necrosis
97. Hallmark of malignancy are EXCEPT
- A) Pleomorphism
 - B) Abnormal nuclear morphology
 - C) Absence of mitoses
 - D) Loss of polarity of cells
98. Actions of bradykinin include all of the following EXCEPT
- A) Vasodilatation
 - B) Bronchodilatation
 - C) Increased vascular permeability
 - D) Pain
99. Which one of the following is the treatment method used for anatomical waste ?
- A) Incineration
 - B) Chemical disinfection
 - C) Autoclaving
 - D) Microwaving
100. Scarlet fever is caused by which one of the following microorganism ?
- A) Group ‘A’ streptococci
 - B) Group ‘B’ streptococci
 - C) Group ‘C’ streptococci
 - D) Viridans group of streptococci

SPACE FOR ROUGH WORK



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