PGD-CET 2014 QUESTION BOOKLET

Overtion Peaklet Version	PGD - CET - 2014 Roll No.				
Question Booklet Version		Question Booklet Sr. No.			
Twenty Two	Answer Sheet No.	(Weite this growth or or			
(Write this number on your Answer Sheet)		(Write this number on your Answer Sheet)			

Day and Date : Sunday, 5th January, 2014 Duration: 1 Hour 30 Minutes

Time: 10.00 a.m. to 11.30 a.m. Total Marks: 100

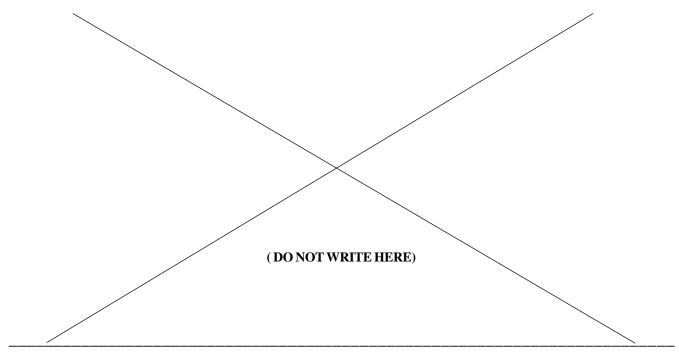
This is to certify that, the entries of PGD-CET Roll No. and Answer Sheet No. have been correctly written and verified.

Candidate's Signature

Invigilator's Signature

Instructions to Candidates

- 1. The Question Booklet has one seal sticker. Examinee should open the seal at 10.00 a.m.
- 2. This question booklet contains 100 Objective Type Questions (Single Best Response Type MCQ) in the subjects of BDS.
- 3. The **Question Paper** and **OMR** (**Optical Mark Reader**) **Answer Sheets** are issued to examinees separately at the beginning of the examination session.
- 4. Choice and sequence for attempting questions will be as per the convenience of the candidate.
- 5. 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.
- 6. 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.
- 7. 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.
- 8. 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.
- 9. 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.
- 10. 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.**
- 11. 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.**
- 12. No candidate is allowed to leave the examination hall till the examination session is over.



SPACE FOR ROUGH WORK



1.	Which agent is used in walking bleach	technique ?
	A) Hydrofluoric acid	B) Carbamide peroxide
	C) Sodium perborate	D) Heinnes solution
2.	Osteoblast covering the periodontal sur	rface of the alveolar bone constitute a
	A) modified periosteum	B) modified endosteum
	C) periosteum	D) endosteum
3.	Brushlite crystals in calculus are found	more commonly in
	A) Mandibular posteriors	B) Mandibular anteriors
	C) Maxillary anteriors	D) Maxillary posteriors
4.	Healing of a wound which simply remarginal gingival is known as	stores the continuity of the diseased
	A) regeneration	B) new attachment
	C) repair	D) reattachment
5.	True about Papillon Leferve Syndrome	e is
	A) Autosomal dominant disorder	
	B) Characterized by palmer planter hy	yperkeratosis
	C) Mutation in cathepsine C gene	
	D) All of the above	
6.	Direct Coombs test detects	
	A) Antigen in serum	B) Antibodies on RBC surface
	C) Antigen on RBC surface	D) Antibodies in serum
7.	Invasive squamous cell carcinoma is oby	lifferentiated from Carcinoma in situ
	A) Penetration of basement membrane	
	B) Number of mitotic figures	
	C) Increased in size of cells	
	D) Nuclear pleomorphism	



8.	Leucopenia is seen in	
	A) Brucellosis	B) Acute myocardial infarction
	C) Typhoid	D) Diphtheria
9.	Clostridium tetani are following type o	of bacteria
	A) Spore bearing aerobes	B) Non sporing aerobes
	C) Spore bearing anaerobes	D) Non sporing anaerobes
10.	Common cause of diarrhoea in AIDS c	ases is due to
	A) Plasmodium falciparum	B) Cryptosporidium
	C) Ascaris lumbricoides	D) Taenia solium
11.	Which of the following statements is c	orrect about lingual nerve?
	A) It passes through infratemporal spa	ce
	B) It passes through para-pharyngeal	space
	C) It passes through the pterygomandi	bular space
	D) The lingual nerve is the sensory tra	ct to anterior one third of the tongue
12.	Elephant foot deformity is indicative o	f
	A) Diplopia	
	B) Non union of fractured edentulous	mandible
	C) Skeletal Class II malocclusion	
	D) Unilateral Le Fort I fracture of max	xilla
13.	Pyramidal fracture is another name for	
	A) Le Fort I Fracture	B) Le Fort II Fracture
	C) Le Fort III Fracture	D) None of the above
14.	The cyst that remains behind in the jaw	s after removal of the tooth is
	A) Lateral Periodontal Cyst	B) Radicular Cyst
	C) Residual Cyst	D) None of the above
15.	Which of the following does NOT belon	g to amide group of local anesthetics?
	A) Mepivacaine B) Bupivacaine	C) Lidocaine D) Tetracaine



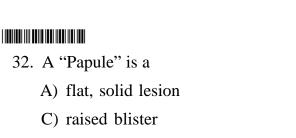
16.	The concept of field change or "Cancerization" was proposed by			
	A) Pirani	B)	Dimeglio	
	C) Paterson	D)	Slaughter	
17.	Best parameter to monitor response to	trea	tment in a patient of shock is	
	A) Pulse	B)	Blood pressure	
	C) Level of consciousness	D)	Urine output	
18.	The following wound is not untidy			
	A) Incised wound	B)	Crushed wound	
	C) Avulsed wound	D)	Lacerated wound	
19.	Most common cause of primary hyper	para	thyroidism is	
	A) Adenoma	B)	Ectopic ACTH secretion	
	C) Hyperplasia of 4 glands	D)	Idiopathic	
20.	Branchial fistula is persistent of			
	A) First branchial cleft	B)	First branchial arch	
	C) Second branchial cleft	D)	Second branchial arch	
21.	According to Stanford –Binet intelligible disability with a range of 36-51 is term	_	_	
	A) Severe	B)	Moderate	
	C) Profound	D)	Mild	
22.	Which of the following is <u>NOT</u> a type	of n	nixed dentition analysis?	
	A) Moyer's	B)	Tanaka Johnston	
	C) Pont & Linderharth	D)	Hixon old father	
23.	Extra oral tracing method is grouped i relation for complete denture patients	n th	e following for recording centric	
	A) Functional method	B)	Close mouth method	
	C) Static method	D)	None of the above	



24.	* *	en closure in intercuspal position is attained during mastication, movement os for about msec before another cycle begins.			
	A) 194 msec B) 94 msec	C)	394 msec	D) 594 msec	
25.	Pontic design for anterior region should Asthetics.	d be	of the following	ng to give excellent	
	A) Ridge lap B) Sanitary	C)	Ovate	D) Bullet	
26.	The Antiviral drug recommended for trigeminal nerve distribution in an imm				
	A) Fomivirsen	B)	Vidarabin		
	C) Famciclovir	D)	Entecavir		
27.	Which of the following patient require A) Patient on strict vegetarian diet B) Patient with normal B ₁₀ level havir			ntation ?	
	Patient with normal B ₁₂ level having dementia Patient with elevated Homocystein level General debility Thich of the most appropriate cause of urinary stone formation?				
	D) General debility				
28.	Which of the most appropriate cause of	of ur	inary stone for	mation ?	
	A) High urinary oxalate	B)	Low urinary I	Mg	
	C) Low urinary sodium	D)	High urinary	chloride	
29.	Which of the following is NOT a chara	actei	ristic feature of	f sepsis ?	
	A) Temparature > 38°C or < 36°C	B)	Heart rate > 9	0/min	
	C) WBC count $> 12000/\text{mm}^2$	D)	Respiratory ra	ate 14-18/min	
30.	The following clinical presentation qua Malaria" <u>EXCEPT</u>	alify	for the term '	"Severe Falciparum	
	A) Severe anemia	B)	Acidosis		
	C) Pulmonary oedema	D)	High grade fe	ever with rigors	
31.	The "Onset" of the disease in the histo	ory o	f present illne	ss relates to	
	A) when the present complaint started	l			
	B) how the present complaint started				
	C) why the present complaint started				
	D) duration of the present complaint				

B) raised solid lesion

D) pus containing blister



33. To study the malignant tumour of the jaw bone, the radio-nuclide used is

A) Gallium 67 citrate

B) Technitium 99m labeled iodine

C) Technitium 99m per technitate

D) Technitium 99m methylene diphosphate (MDP)

34. Sphygmomanometer reading can be correct only when

A) deflation is 5-10 mm Hg per heart beat

B) cuff is slightly full on applying to patient's arm

C) the cuff width is 25% of the diameter of the patient's arm

D) length of the bladder encircles 80% of the patient's arm

35. Radiographic image sharpness is reduced when

A) focal spot-to-object distance is less

B) focal spot-to-object distance is more

C) insufficient vertical angulation is used

D) inappropriate horizontal angulation is used

36. Longer the duration of the disease, the greater is its

A) Incidence

B) Both incidence & prevalence

C) Prevalence

D) None of the above

37. _____ survey includes only the most important subgroups in the population and only one or two index ages.

A) Pathfinder

B) Pilot

C) Urban

D) Rural

38. The Index of Orthodontic Treatment Needs (I.O.T.N.) was developed by ______ to link dentofacial variation to perceived aesthetic impairment.

A) Brook and Shaw

B) Burlington Group

C) Locker et al

D) Draker



39.	. Vitamin "D" is derived by radiation of the naturally occurring substance		
	A) Calcitonin	B) Cholecalciferol	
	C) Cholesterol	D) Ergosterol	
40.	The growth in three dimensions get con	mpleted in which order ?	
	A) Width, length and height	B) Height, width and length	
	C) Length, Height and width	D) No specific order	
41.	Corrugated collagenous rings surround the walls of inflammatory cysts are cal		
	A) Ruston bodies	B) Hyaline bodies	
	C) Howell- Jolly bodies	D) Papenheimer bodies	
42.	Blue sclerae may be seen in all types of	f osteogenesis imperfecta EXCEPT	
	A) Type I B) Type II	C) Type III D) Type IV	
43.	A serious coagulopathy characterized haemorrhage due to platelet trapping w	• •	
	A) Phace(S) Syndrome	B) Kasabach- Merrit Phenomenon	
	C) Kaposi's sarcoma	D) Hemangioma	
44.	In PRECEDE model of health education	n R stands for	
	A) Resolution	B) Reinforcing	
	C) Revolution	D) Reforming	
45.	The fee level determined by the admin	istrator of dental benefit plan is	
	A) Usual fee	B) Customary fee	
	C) Reasonal fee	D) None of the above	
46.	Which of the following is NOT a layer	of primary growth cartilage ?	
	A) Cartilaginous matrix	B) Calcified cartilaginous matrix	
	C) Fibrous capsule	D) Degenerating Chondroblast	
47.	Early closure of suture is associated with	ith	
	A) Treacher Collins Syndrome	B) Marfan Syndrome	
	C) Guzons Syndrome	D) Pierre Robin Syndrome	



48.	The cartilage of the Hyoid arch is	
	A) Meckel's cartilage	B) Condylar cartilage
	C) Reichert's cartilage	D) Nasal cartilage
49.	Rotational changes in the mandible ess	sentially consist of
	A) Matrix rotation 25% & Intramatrix	rotation 75%
	B) Matrix rotation 50% & Intramatrix	rotation 50%
	C) Matrix rotation 100% & Intramatrix	x rotation 0%
	D) Matrix rotation 0% & Intramatrix r	otation 100%
50.	The maxillary intercanine dimension se which is known as	rves to control the mandibular growth,
	A) Mechano transduction	B) Safety valve mechanism
	C) Pterygoid response	D) Buccinator mechanism
51.	The pulp stem cells are	
	A) Pluripotent in nature	B) Totipotent in nature
	C) Multipotent in nature	D) None of the above
52.	The incisal edge of maxillary central in off during a fall. He is informed that compensatory tooth movement is because	at the tooth will erupt a little. This
	A) dentin	B) pulp
	C) cementum	D) periodontal ligament
53.	Koilocytes are seen in all of the follow	ing EXCEPT
	A) Condyloma acuminatum	B) Actinic keratosis
	C) Verruca vulgaris	D) Squamous papilloma
54.	A typical example of an immunolog connective tissue disorder is	gically mediated collagen vascular/
	A) Lichen planus	B) Pemphigus vulgaris
	C) Lupus erythmatosus	D) Epidermolysis bullosa



55.	. Pastia's lines in Scarlet fever are				
	A) white lines on the dorsum of the tongue				
C) present in skin folds secondary to capillary fragility					
	D) seen when white and red strawberr	y tongue occur concomitantly			
56.	Process in which the hardness of a me	tal increases during cold working is			
	A) Annealing	B) Coring			
	C) Work hardening	D) Homogenizing			
57.	Sharpey's fibres are seen in				
	A) Acellular extrinsic fibre cementum				
	B) Cellular intrinsic fibre cementum				
	C) Acellular fibrillar cementum				
	D) None of the above				
58.	Duct of Rivinus is associated with				
	A) Parotid gland	B) Submandibular gland			
	C) Sublingual gland	D) Minor salivary gland			
59.	At the age of nine years, the mandibul contact with which of the following tea	•			
	A) First premolar	B) Second premolar			
	C) Deciduous 2 nd molar	D) None			
60.	The position of maximum intercuspation to as centric	on of upper and lower teeth is referred			
	A) occlusion B) relation	C) position D) bite			
61.	The initiator in the heat cure polymer j	powder is			
	A) Hydroquinone	B) Sulfinic acid			
	C) Benzoyl peroxide	D) Sulfur dioxide			



62.	A dentist can best control the setting without altering its properties by	time of Alginate impression material			
	A) using perforated tray				
	B) altering water : powder ratio				
	C) reducing the rate of mixing				
	D) altering the temperature of water				
63.	In acrylic restorative materials, the pu	mping action of alternately imbibing			
	A) Imbibition B) Percolation	C) Syneresis D) Evaporation			
64.	Time dependent deformation produced a constant stress is termed as	in a completely set solid subjected to			
	A) Static creep	B) Elongation			
	C) Dynamic creep	D) Flexibility			
65. An acidic agent that dissolves the inorganic structure in dentin that a infiltration of adhesive resin is					
	A) Dentin bonding agent	B) Dentin conditioner			
	C) Primer	D) None of the above			
66.	Which of the following is an example	of intraoral tracer ?			
	A) Height B) Philip	C) Stansbery D) Messerman			
67.	Which of the following measures the vand muscles involved are in physiolog				
	A) Freeway space	B) Leeway space			
	C) Closest speaking space	D) Primate space			
68.	To achieve the additional retention the preparation	following should be done while tooth			
	A) Excessive occlusal preparation	B) Tapered preparation			
	C) Grooves and boxes	D) Supragingival finish line			
69.	Minimum solubility of dental cements	to oral fluids is seen in			
	A) GIC	B) Zinc Polycarboxylate			
	C) Zinc Phosphate	D) Resin cement			



70.	. Eames technique is otherwise known as			
	A) No squeeze cloth technique	B) Increasing dryness technique		
	C) Bloting mix	D) Mortar and pestle mix		
71.	Benzodiazepines act preferentially on wand mental functions?	which part of the brain to block thought		
	A) Hypothalamus	B) Thalamus		
	C) Limbic system	D) Area Postrema		
72.	The pathological state that alters the vo	olume of distribution of many drugs is		
	A) Septicemia	B) Duodenal ulcers		
	C) Congestive heart failure	D) Hypertension		
73.	Which of the following analgesic is us concentration in synovial fluid than plants			
	A) Ibuprofen	B) Diclofenac		
	C) Tenoxicam	D) Piroxicam		
74.	The antiulcer agent detaches and kills Hais	Pylori organism and prevents relapses		
	A) Colloidal Bismuth	B) Pirenzipine		
	C) Misoprostol	D) Sucralfate		
75.	The dentin desensitizing agents that act tubular fluid is	ts by precipitating proteins in dentinal		
	A) Strontium Chloride	B) Potassium oxalate		
	C) Fluoride	D) Hydroxy ethyl methacrylate		
76.	Excessive fixing of an x ray film			
	A) has no effect on image quality	B) causes brown staining		
	C) reduces its density	D) increases its density		
77.	Premature bone loss in primary teeth c	ould be seen in condition like		
	A) Hypophosphatasia	B) Fibrous dysplasia		
	C) Papillon Lefevere Syndrome	D) All of the above		



78.	. Which of the following may develop as a result of juvenile diabetes mellitus?					
	A) Ataxia	B) Aph	asia	C)	Deafness	D) Blindness
79.	79. Four film Survey (Series) for children consists of maxillary and man occlusals along with				ary and mandibular	
A) two maxillary posterior periapicals						
	B) two mandibular posterior periapicals					
	C) two posterior b	itewings				
	D) one panoramic	& one la	teral jaw vi	ews		
80.	The isthmus width width of primary n		• .	_		ation to intercuspal
	A) one fourth			B)	two thirds	
	C) one third			D)	half	
81.	Circulatory shock	is an exa	mple of			
	A) Hypoxic Hypox	xia		B)	Stagnant Hyp	oxia
	C) Histotoxic Hyp	oxia		D)	Anemic Hypo	oxia
82.	The amount of air	remainin	g in the lun	gs a	after a normal e	expiration is
	A) Tidal volume			B)	Functional res	sidual capacity
	C) Vital capacity			D)	Total lung cap	pacity
83.	Hemiplegia is prod of	luced wh	en the corti	.cos	pinal tract is da	amaged at the level
	A) Pons			B)	Midbrain	
	C) Medulla			D)	Internal capsu	ıle
84.	Positive nitrogen b	alance is	seen in			
	A) Malignancy			B)	Pregnancy	
	C) Uncontrolled D	Diabetes 1	nellitus	D)	Burns	
85.	Substrate for gluco	oneogene	sis is			
	A) Glycogen			B)	Acetyl CoA	
	C) Glycerol			D)	Leucine	



- 86. Degeneration of periodontal tissue without inflammation is called as
 - A) Desquamative gingivitis
- B) Chronic periodontitis

C) Periodontosis

- D) Pericoronitis
- 87. Keratin specific to epidermal type differentiation are
 - A) K_1, K_2, K_{10}, K_{12}

B) K_1, K_3, K_{10}, K_{12}

C) K_1, K_2, K_{10}, K_{13}

- D) K₁, K₂, K₁₁, K₁₃
- 88. Which of the following is **NOT** detected by Evalusite?
 - A) A. actinomycetem Comitens
- B) P. gingivalis

C) P. intermedia

- D) T. denticola
- 89. Closed mouth technique of blocking the inferior alveolar, Buccinator and lingual nerve is also termed as
 - A) Gow-Gates Technique
- B) Akinosi Technique

C) Browns Technique

D) Bennetts Technique

- 90. Penrose drain is
 - A) A simple rubber tube open at one end
 - B) Simple rubber tube open at both ends
 - C) Modified corrugated rubber drain
 - D) Modified Foley's Catheter
- 91. The mode of inheritance in hemophilia is
 - A) Autosomal dominant
- B) Autosomal recessive

C) X linked dominant

- D) X linked recessive
- 92. A strong crescent shaped fold of duramater lying in the sagittal plane and occupying great longitudinal fissure between two cerebral hemispheres is
 - A) Falx cerebri

B) Diphragmatica sellae

C) Tentorium cerebelli

- D) Falx cerebelli
- 93. Brodmann's area number 44 and 45 (Broca's area) is located on
 - A) Medial surface

- B) Inferior surface
- C) Superolateral surface
- D) Temporal pole



94.	. Which one of the following structures develops from all the three germ layers ?				
	A) Soft palate	B) Mitral valve			
	C) Tympanic membrane	D) Tooth			
95.	Which cells clean the ultrafilter of ren	al corpuscle?			
	A) Mesangial	B) Podocytes			
	C) Juxta-glomerular	D) Endothelial			
96.	Xylitol is a				
	A) natural sweet amino acid	B) synthetic swe	et amino acid		
	C) natural five carbon sugar	D) synthetic five	carbon sugar		
97.	Which is an example of retainerless m	natrix ?			
	A) Universal matrix	B) Compound su	apported matrix		
	C) Custom made matrix	D) Auto matrix			
98.	Fluoride release is maximum in				
	A) Conventional Glass Ionomer	B) Metal modified	ed Glass Ionomer		
	C) Resin modified Glass Ionomer	D) Polyacid mod	lified Composite		
99.	The acid used in etching ceramic during	ng repair of cerami	ic restorations is		
	A) Hydrochloric acid	B) Hydrofluoric	acid		
	C) Sulphuric acid	D) Ortho phosph	oric acid		
100.	The configuration factor ["C" factor] f	For an occlusal clas	ss I cavity is		
	A) 2 B) 3	C) 4	D) 5		

SPACE FOR ROUGH WORK



SPACE FOR ROUGH WORK