



## DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

**TEST BOOKLET** 

Sl. No: 10655

Post Code: CB

Post: T. G. T. (CBZ)

WRITTEN EXAMINATION FOR RECRUITMENT TO THE POSTS OF TGT(ARTS), TGT (PCM), TGT (CBZ), HINDI TEACHERS, CLASSICAL TEACHERS (SANSKRIT), URDU TEACHERS AND P.E.Ts IN NON-GOVT. FULLY AIDED HIGH SCHOOLS OF ODISHA

Time Allowed: 2 Hours

Maximum Marks: 150

## : INSTRUCTIONS TO CANDIDATES:

- 1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET CONTAINS 16 PAGES AND DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
- 2. DON'T BREAK OPEN THE SEAL OF THE TEST BOOKLET UNTIL THE INVIGILATOR INSTRUCTS YOU TO DO SO.
- 3. You have to enter your Roll No. on the Test Booklet in the Box provided alongside. DO NOT write anything else on the Test Booklet. You have to do rough work only in the space provided at the end of the Test Booklet. See instructions in the OMR Answer Sheet.
- 4. The Test Booklet contains 100 questions. Each question comprises four options. You have to select the correct answer which you want to mark (darken) on the OMR Answer Sheet. In any case, choose ONLY ONE answer for each question. If more than one answer is darkened, it will be considered wrong.
- 5. You have to mark (darken) all your answers only on the OMR Answer Sheet using BLACK BALL POINT PEN provided by the State Selection Board. You have to do rough work only in the space provided at the end of the Test Booklet. See instructions in the OMR Answer Sheet.
- 6. All questions carry equal marks. While 1.5 markss will be awarded for each correct answer, each wrong answer will result in negative marking of 0.50 mark.
- 7. Before you proceed to mark (darken) the answers in the OMR Answer Sheet to the questions in the Test Booklet, you have to fill in some particulars in the OMR Answer Sheet as per the instructions in your Hall Ticket (Admit Card).
- 8. On completion of the Examination, you should hand over the original copy of OMR Answer Sheet issued to you to the Invigilator before leaving the Examination Hall. You are allowed to take with you the candidate's copy (second copy) of the OMR Answer Sheet along with the Test Booklet for your reference.

9.	No candidate shall be allowed to leave the Ex	amination Hall/	Room till all OM	IR Answer Sheet	S
	have been collected by the invigilator.	A_	mile denie	m / (4)	

Candidate's full signature

Invigilator's signature

P.T.O.



Adda 247

Test Prime

**ALL EXAMS, ONE SUBSCRIPTION** 



80,000+ Mock Tests



600+ Exam Covered



Personalised Report Card



20,000 + Previous Year Papers



Unlimited Re-Attempt



500% Refund















ATTEMPT FREE MOCK NOW





1.	Willen of the followin	ig is most appropriate to the	ne proce	ess of learning:
	(A) Remembering	he information for reprodu	icing in	the examination.
		ld and new experiences.		
	(C) Carrying out ac	tivities which cause perma	anent cl	nanges of behaviour in learners.
	(D) Acquisition, ret	ention and modification of	fexperi	ences.
2.	Learning outcomes re	fer to:		
	(A) Change in the b	ehaviour of the learners.		
	(B) Completion of	the entire course content.		
	(C) Selection of pro	oper teaching methods.		
	(D) Creation of good	d learning environment.		
3.	Learning objectives re	elate to:		
	(A) Learning exper	iences.	(B)	Academic achievement.
	(C) Intended learning	ng outcomes.	(D)	Learning environment.
4.	Who of the following	has put forward the conce	pt of be	coming a fully functioning person?
	(A) Carl Jung	To Extract Day may on the 2.	(B)	Jean Piaget
	(C) Allport	to 4 to be to sales	(D)	Carl Rogers
5.	In a constructivist class	ss room situation, the learn	er is vie	ewed as:
		ose life is shaped entirely		
	Figure 1 Acres 180		1 11	into any form through conditioning.
	(C) A problem solv	er and a scientific investiga	itor.	
	(D) A miniature adu			
6.				ructivist approach to learning?
	. ,	ld's cognition for learning.		
		ocessing of information for		The formation of the state of t
		llaboration with others for	learning	
	-	periences for learning.		
7.	A learner works hard to behind such hard world		he class	s. Which type of motivation is there
	(A) Intrinsic motivat	ion	(B)	Extrinsic motivation
	(C) Zero motivation	1 2 2 2 2 1	(D)	None of the above
T.G.T	(CBZ) (Code : CB)	2		Contd.





- 8. Which of the following is applicable for a classroom teacher in teacher centred approach to learning?
  - (A) Teacher is active and controls all classroom activities.
  - (B) Teacher makes the learner active.
  - (C) Learner acts and the teacher facilitates learning.
  - (D) All of the above.
- 9. Which of the following is a characteristic of a learner centred class?
  - (A) Learners are passive recipients of learning promoted by the teacher.
  - (B) Emphasis on completion of courses by teacher.
  - (C) Learners construct their own knowledge and teacher functions as guide in the learning process.
  - (D) Teacher transmits the information to the learners as they know little.
- 10. Which of the following is not a projected teaching aid?
  - (A) OHP

(B) Epidiascope

(C) Black board

- (D) Slide projector
- 11. Which of the following is not an appropriate criterion for selection of TLMs?
  - (A) Selection of materials aligned with the curriculum and learning objectives.
  - (B) Selection of materials based solely on their availability in the market.
  - (C) Choosing materials that promote hands on learning for ensuring active engagement of learners.
  - (D) Selection of age-appropriate materials relevant for content and fostering inclusivity.
- 12. Which of the following is most relevant from the point of view of inclusive education?
  - (A) Providing integrated education to every student.
  - (B) Providing education to every student irrespective of caste, creed and disability.
  - (C) Providing equal opportunities to every student in curricular as well as co-curricular activities irrespective of disability, caste and creed.
  - (D) Providing education to the disabled children only by special teachers and counsellors.
- 13. Which of the following is an objective of CCE?
  - (A) Emphasising continuity and regularity of assessment.
  - (B) Assessing both scholastic and co-scholastic aspects of learners by making assessment an integral part of learning.
  - (C) Emphasising thought process and de-emphasising memorisation.
  - (D) All of the above.

T.G.T.(CBZ) (Code: CB)

3

P.T.O.





14.	Whic	ch of the following rightly defines the concep	tofev	aluation?
	(A)	Evaluation is quantitative.		
	(B)	Evaluation is qualitative.		
	(Ç)	Evaluation is both quantitative and qualitati	ve.	
	(D)	Evaluation is quantitative and / qualitative p	olus va	lue judgement.
15.	Eval	uation which is conducted during the period	of inst	ruction is called as:
	(A)	Placement evaluation	(B)	_ Formative evaluation
	(C)	Diagnostic evaluation	(D)	Summative evaluation
16.	Whic	ch of the following types of assessment is no	t relate	ed to teaching learning process?
	(A)	Achievement assessment	(B)	Clinical assessment
	(C)	Remedial assessment	(D)	Continuous assessment
17.	Whic	ch of the following is not an objective of form	ative	assessment?
	(A)/	To know about child's misconceptions.		
	(B)	To assess child's understanding of the cons	tructio	on of knowledge.
	(C)	To introduce a new concept based on the p	reviou	ıs knowledge.
	(D)	To know if a teaching strategy is appropria	te or n	ot.
18.		ch of the following assessments in EVS is action?	appro	opriate in the context of formative
	Optio	on:		
	(1)	Assessment for learning	(2)	Assessment of learning
	(3)	Assessment as learning	(4)	Assessment about learning
	Ansv	ver:		
	(A)	1,2,3	(B)	1 and 3
	(C)	2 and 3	(D)	2,3,4
19.	Whic	ch of the following is not a characteristic of te	eacher	-made test?
	(A)	It is meant for specific small set of students	in a cl	ass or schools.
	(B)	Judgement of the teacher is the only criterion	for se	lection of items to be included in the
		test.		
	(C)	Validity and reliability of the test are not ens		•
	(D)	It is meant for comparing the levels of attain		
20.	Class	room interactions can be appropriately asses		
,	(A)	Questionnaire	(B)	Observation
	(C)	Interview	(D)	Test





21.	Why	is blue print used in test construc	tion?							
	(A)	To make the questions easy and	l simpl	e.			t no vlug			
	(B)	To include different types of que	estions	from	diffe	rent content	areas.			
	(C)	To reduce subjectivity in evaluation	tion.				online said t			
	(D)	To make easy and error free eva	aluatio	n.						
22.	What	t is the sequence of developing a	standa	ardise	d test	?				
	Optio	on:								
	(1)	Planning the test.			(2)	Trying out	the test			
_	(3)	Preparing the test			(4)	Evaluating	the test			
·	Ansv	ver:					uannseata Antxa taa		ssend mu	
	(A)	1,2,4,3			(B)	3,2,1,4				
	(C)	1,3,2,4	W		(D)	4,1,2,3				
23.	Whil	e developing a test, item analysis	is mad	le to f	ind ou	t:	F5[-]		15.	
	(A)	Level of item difficulty		(4)	(B)	Index of di				
	(C)	Nature of distractors	n,		(D)_	All of the a	bove			
24.	Whi	ch of the following is/are the char	acteris	stic(s)	ofag	ood test?				
	(A)	Validity			(B)	Reliability	siagau Vii		(w) woll	
	(C)	Usability	8		(D)	All of the a	bove	25	45)	
25.	The	highest number of molecules is		<b>(1)</b>						
	(A)	28g of CO	(B)	14 ( 11.		<sub>2</sub> H <sub>5</sub> OH	ody ny pa			
	(C)	36g of H <sub>2</sub> O			of N		7 1	. (	(A)	
26.		andardisation of Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> using I	C <sub>2</sub> Cr <sub>2</sub> C							<b>'</b> 7
	is:					em <sub>s</sub> r)7710 ar wt.	is decidal			
	(A)	Molecular wt. 2	(1)	(O)	3		boman		4 jj ~	
	(C)	Molecular wt.	(D)			Molecular v				
									( e,)	





							t-st would
27.	In the	e equation of stand only on:	tate of an idea	l gas PV =	nRT, the value of	of universal gas co	nstant would
	(A)	the nature of	the gas	(B)	the units of me	easurement	
	(C)	the pressure	of the gas	(D)			, i (1)
28.	Equa fracti	al masses of n	nethane and o	oxygen are erted by ox	e mixed in an e xygen is :	empty container a	at 25°C. The
	(A)	$\frac{1}{3}$	st" .	(B)	$\frac{1}{2}$		
	(C)	2 PO 1611	) Tayang ou t Evaluation	(D)	$\frac{1}{3} \times \frac{273}{298}$	ه برده باین زره و . م این کاری این از دو ا	
29.		correct expres		leterminat	ion of molecula	ar mass of solute	by osmotic
		$m = \frac{wRT}{PV}$					1.10
	(C)	$m = \frac{PRT}{wV}$	out Di Thilas of c	heide (b) 1) ( <b>D)</b>	$m = \frac{wPV}{RT}$		
30.	The t	total number of	of 'm' values	for $l=3$ a	re:	olyanolia (o amarea	
	(A)	5	a good (Lst?	(B)	Zonudo ett ens a		
	(C)	3	arliderest .	(D)			
31.	How	many unpaired	d electrons ar	e there in l	Ni <sup>2+</sup> ?		
	(A)	Zero		(B)	8		
	(C)	2		(D)	4		
32.	Whic	h one of the fo	ollowing is the	e correct o	rder of the size	of the iodine spec	cies?
		$I > I^+ > I^-$	TO GRIT				
	(C)	I+ > I- > I	dometry, the c	(D)	I->I>I+	si allo anni si ar o	
33.		is the shape of				ž.	
	(A)_	Octahedral	rn mbra	olot(B)	Square planar		
	(C)	Pyramidal	ſ	i k	Trigonal bipyram		(.°.)
34.	What	is the bond or	der of CO me				
		0	as Minicoular	moz. (C	)	Monecular	
	(C)	3		(D) 2	2		
GT	(CBZ)	(Code : CB)		2			



35.	The	e correct order of electro	on affiniti	ies of	halogens is:		
	(A)	F > Cl > Br > I		(B)	I > Br > Cl > F	nS.	
	(C)	Cl > F > I > Br		(D)	Cl > F > Br > I		
36.		en reacts with dil. NaOI n zero to:	I under c	old co			
	(A)	-1 and +1		(B)	±1 and ±4	Exquation Zone neti	
	(C)	+5 and +3		((1)	-1 and +5		
37.	Solı	ubility of AgCl at 20°C i	s 1.435×	Hali gill		ty product	of AgCl is :
	(A)	1×10 <sup>-5</sup>		(B)	1×10 <sup>-10</sup>		
	(C)	1.435×10 <sup>-5</sup>		(D)	108×10 <sup>-3</sup> (,11,000		
38.	An	acidic buffer can be pre	pared by	mixin	g solutions of:		
	(A)	Sodium acetate and a	acetic aci	d	ne process of reduction	ninotherm	
	(B)	Ammonium chloride	and ammo	onium	hydroxide		
	(C)	Sulphuric acid and so	dium sul	phate	•		
	(D)	Sodium chloride and	sodium h	ydroxi	de grifos sa taong ar tadi t		
39.	Whi	ch one of the following	liquid pa	irs sho	ows a positive deviation	from Rao	ult's law?
	(A)	Water-Hydrochloric a	cid	(B)	Benzene-Methanol		
	(C)	Water-Nitric acid		(D)	Acetone-Chloroform		
40.	Amo	ong the following the mo	olecule w	ith hig	hest dipolemoment is:		
	(A)	CH <sub>3</sub> Cl	- Ty (-11 )	(B)	CH <sub>2</sub> Cl <sub>2</sub>		
	(C)	CHCl <sub>3</sub>		(D)	CCl <sub>4</sub>		
41.	The	presence of unsaturation	n in an o	rganic	compound can be test	ed with:	
	(A)	Schiff's reagent		(B)	Tollen's reagent		
	(C)	Baeyer's reagent		(D)	Fehling's solution		
42.	In the	e sulphonation of benze	ene, the a	ctive s	pecies involved is:		
	(A)	HSO <sub>4</sub>	(11)	(B)	SO <sub>3</sub>		-
	(C)	SO <sub>2</sub>	(D)	(D)	SO <sub>4</sub> <sup>2-</sup>		(2)
43.	The f	unction of anhydrous al	luminium	chlor	ide in Friedel-Craft's re	action is to	: · · · · · · · · · · · · · · · · · · ·
	(A)	absorb water		(B)	produce a nucleophile		
	(C)	produce an electrophil	e 🗍	(D)	absorb hydrochloric ac	id "X	





4	4. Gale	ena is an ore of:					
	(A)	Zn 🤻 🔭		(B)	Cu		
	(C)	Pb		(D)	Mg		
45	5. Cop	per is generally purif	ed by:				
	(A)	Liquation		(B)	Bessemeri	sation	
	(C)	Zone refining		(D)	Electrolytic	e method	
46	. Whic	ch of the following co	mpounds	does n	ot form carl	panion with sodium et	hoxide?
	(A)	CH <sub>3</sub> COCH <sub>2</sub> COOC	$_2^{ m H}_5$	(B)	$(CH_3)_3C.0$	COOC <sub>2</sub> H <sub>5</sub>	
	(C)	$H_2C(COOC_2H_5)_2$		(D)	H <sub>2</sub> C ⟨CN CO	OC <sub>2</sub> H <sub>5</sub>	
47	. Alum	ninothermic process	of reduction	n is us	ed for the e	xtraction of:	
	(A)	Cu		(B)	Fe		
	(C)	Ti		(D)	Mg		
48.	The c	ompound that is mos	st reactive	toward	ls electroph	ilic nitration is:	
	(A)	Toluene		(B)	Benzene		
	(C)	Benzoic acid		(D)	Nitrobenze	ne	
49.	The c	ompound which give	es the most	stable	carbonium	ion on acidic dehydi	ration is:
					CH <sub>3</sub>		
	(A)	СН₃–СН–СН₂–ОН	(17.140)	(B)	CH <sub>3</sub> -C-O	Н	
		CH <sub>3</sub>		1/1	ĊH₃		
	(C)	CH <sub>3</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH	I <sub>2</sub> –OH	<b>(D)</b>	CH₃–CH– OH	CH <sub>2</sub> -CH <sub>3</sub>	
50.		ling to Binomial Sys Which of the followin				s, each plant name co	nsists of two
	(A) (	Genus			(B)	Order	
	(C) C	Class			(D)	Family	
51.	Who pr	oposed 'five-kingdor	n system' o	of class	sification?		
		. Linnaeus			(B)	G Bentham	
		. H. Whittaker					
	(C)/K	. 11. Williaker			(D)	J. Hutchinson	

T.G.T.(CBZ) (Code : CB)

8

Contd.





52	2. Which one is not a characteristic feature of Gy  (A) Archegonic leads		
	(A) Archegonia lack neck canal cells	mnosp	erms?
	(B) Pollen grains fall on stigma, germinate a (C) Xylem vessels are also		· Maria
	(C) Xylem vessels are absent	nd prod	uce pollen tubes
	(D) Phloem lacks companion cells		
53	. Which one of the following is considered.		
	Which one of the following is considered as the (A) Oryza sativa	e most e	endangered plant?
	(C) Clorophytum malabaricum	(B)	•
54.	Which is not a part of anatomy of dicot stem?	(D)	Commelina benghalensis
	(A) Vascular tissue		
	(C) Pericycle	(B)	Cortex
55.		(D)	Epiblema
	Which is not a type of meristem based on plane (A) Mass meristem	of divis	sion?
	(C) Plate meristem	(B)	Circular meristem
56.	, , and mension	(D)	Rib meristem
	Which is not a photosynthetic pigment?  (A) Carotene		
		(B)	Phycobillin
57.	· · · · · · · · · · · · · · · · · · ·	(D)	Laminarin
57.	The reaction centre of Photosystem-1 is		
	(A) P <sub>700</sub>	(B)	P <sub>680</sub>
<b>~</b> 0	(C) P <sub>430</sub>	(D)	Cyt. b
58.	During C <sub>3</sub> cycle, Carboxylase enzyme catalyzes	joining	of CO, with
	(A) Ribulose	(B)_	Ribulose Biphosphate
	(C) Ribose	(D)	Xylulose
59.	What is the first stable product after joining of at	mosphe	eric CO, with PEP in case of CAM
	Plants?		in the language of CAIVI
	(A) Citrate	(B)	Malate
	(C)—Oxaloacetate	(D)	Fumarate
60.	Which cell organelle is not involved in photorespin	ration?	The of Light March 19
	(A) Chloroplast	(B)	Peroxisome
	(C) Mitochondrion	(D)	Glyoxysome
		-	•





61.	Whic	h one is wrong regarding growth of plants?	J. 1.			
<i>-</i>	(A)	Plants show all-round (or diffused) growth		son kaj anjog alikaj i s		
	(B)	Plants exhibit intercalary growth		Company of the Compan	<u>(i, )</u> .	
	(C)	Plants may have lateral growth				
	(D)	Plants show apical growth	, 1 to 1			
62.	Whic	th one is a synthetic auxin?		gua ya ya ya saki ili a sa ka sa		
	(A)	2,4 Dichlorophenoxy Acetic Acid	(B)	Indole 3 Acetic Acid		
	(C)		(D)	Indole 3 Acetaldehyde		
63.	Whic	ch one is better known for its positive effects	on ripe			
	(A)	Abscisic Acid	(B)	Gibberellin		
	(C)	Ethylene	(D)	Cytokinin		
64.	The	process of development of egg into embryo v	vithout	fertilization is called	<u>, , (,)</u>	
	(A)	Apogamy	(B)	Apospory		
	(C)	Vegetative development	(D)	Parthenogenesis		
65.	Whi	ch one is not a type of layering method u	nder ar	tificial vegetative prop	agatio	n oi
	angi	osperms?		Internal Control of Control		
	(A)	Simple layering	(B)	Air layering		
	(C)	Aquatic layering	(D)	Mound layering		
66.	.Con	idia are produced on conidiophores in	-	Alm Tar Abath 1977		
	(A)	Saccharomyces sp.	(B)	Aspergillus sp.		
	(Č)	Saprolegnia sp.	(D)	Puccinia sp.		
67.	Whi	ch one is not one of the applications of Auxi	ns?			
	(A)	Shortening of internodes				
	(B)	Apical dominance				
•	(C)	Substitute for cold treatment for promotion	n of flo	wering		
	(D)	Prevention of lodging				
68.	Trip	le fusion in angiosperms involves fusion of _	·	•		
	(A)	Two polar nuclei and one sperm nucleus				
	(B)	One egg nucleus and two polar nuclei	-1	ngagement Managan (San)		
	(C)	Two sperm nuclei and one egg nucleus	•			
	(D)	One polar nucleus, one egg nucleus and o	ne spe	erm nucleus		



09.	m II	ssue culture, which one is not commonly Meristem tissue	used fo	r rege	neration of plants?
		30800			
	(C)	Embryo		<u></u>	Sclerenchyma tissue
70.	Hov	w many genotypes are produced in Mend	lalian na	D) 1	Anther
	(A)	1			_
	(C)	- 3	,	,	2 je samismu se s in i
71.	In C	omplementary gene interaction. M.	. (1	D) 4	4
	(A)	omplementary gene interaction, Mendel 9:7	ian ratio	9:3:3	:1 gets modified to
	(C)	13:3	Ò	3) 9	9:3:4
72.	How	many pairs of contract	(1	<b>D)</b> 1	15:1
	expe	many pairs of contrasting characters riments?	of Pea	pod	were chosen by Mendel for his
	(A)	7			
	(C)	4	(1	3)	,
73.	Late	Blight of Potato disease is caused by	I)	0) 2	
	(A)	Albugo			
	(C)	Claviceps	(I	3)/ 1	Phytophthora
74.	` ,		I)	)) <i>(</i>	Ustilago
	(A)	ch one of the following is the pathogen in Penicillium	n case o	f Blac	k Stem Rust of wheat?
	(C)	Peziza	(I	3) <i>I</i>	Peronospora
75.	` ,		(I	D) I	Puccinia
75.	(4)	ve kingdom classification Chlorella	and Cl		
	(A)	Algae	(B)	Plan	
76	(C)	Monera	(D)	Prot	ista
76.		ch phylum is first to show cephaliza	tion?		
	(A)	Annelida	(B)	Coe	lenterata .
		Platyhelminthes	(D)	Mol	lusca
77.	A seg	gment of DNA has 250 Thymine and	d 250 (	Guani	ne bases. The total number of
	nucle	eotides present in the segment is:			47,
	(A)	250	(B)_	500	Stance (M. 1 a coll to
		tane to the set one	103 A B	0.00	200 je 120 lja
	(C)	1000	(D)	2000	0
78.	The s	small subunit of 70S ribosome is co	ompris	ed of	in in in in it is a second of the second of
	(A)	5S r-RNA	(B)	16S	r-RNA
	(C)	23S r-RNA	(D)	18S	r-RNA
				,	





79.	Cor	nplete linkage is observed in:		
	(A)	Male Drosophila	(B)	Female Drosophila
	(C)	Birds	(D)	Lizards
80.	A cr	rusiform structure of chromosome du	ring m	eiosis is a characteristic feature of:
	(A)	Translocation	(B)	Inversion
	(C)	Deletion	(D)	Duplication
81.		en two mutants having the same phen wed a wild type phenotype. Thus the		
	(A)	Allelic	(B)	Non-allelic
	(C)	Segregating from each other	(D)	Independently assorting
82.	Who	wrote the book "Evolution: The M	lodern	Synthesis"?
	(A)	T. Dobzhansky	(B)	G. L. Stebbin
	(C)	J. B. S. Haldane	(D)	J. Huxley
83.	Gen	etic drift is change in the allele frequency	uency	of population due to:
	(A)	Random chance	(B)	Non-random mating
	(C)	Natural selection	(D)	Artificial selection
84.	Spec	ies diversity within a living commun	nity is	known as :
	(A)	Alpha diversity	(B)	Beta diversity
	(C)	Gamma diversity	(D)-	Genetic diversity
85.	Whic	ch of the following statement is not	correc	t?
	(A)	Classical smog occurs in a cool and	i humi	id climate
	(B)	Classical smog is also known as Lo	ondon	smog
	(C)·	Los Angel's smog occurs in the sur	ny an	d dry climate
	(D)	Photochemical smog is reducing in	nature	ANN-188 (A





86. All are true about milk as a diet excep	digitati mismalomen yangliyan as iki.						
(A) It is low in iron content but rich in	n calcium sodium and notaccium						
(B) The major carbohydrate is lactos	It is low in iron content but rich in calcium, sodium and potassium  The major carbohydrate is lactore						
(C) The chief proteins are caseinogen	and lactalbumin						
(D) It is rich in Vitamin-D but poor in	Riboflavin						
87. Conversion of pyruvate to Acetyl-CoA i requires:	is a multistep sequence of reactions which						
(A) Three major enzymes and two coe	enzymes						
(B) Three major enzymes and five coe	enzymes						
(C) Two major enzymes and five coen	zvmes						
(D) Three major enzymes and four coe	enzymes						
88. The product formed in the first substrate	e level phosphorylation in glycolysis is:						
(A) 1, 3 - biphosphoglycerol	(B) 3 - phosphoglycerate						
(C) 2 - phosphoglycerate	(D) Phosphoenolpyruvate						
89. In human RBC forms structure like pile							
(A) Diapause	(B)—Diapedesis						
(C) Rouleaux	(D) Podom						
90. Q.R.S.T is related with:							
(A) Auricular systole	(B) Ventricular systole						
(C) Depolarization of ventricle	(D) Ventricular repolarization						
91. One gram of haemoglobin when fully sat	surated will combine with:						
(A) 1.34 ml of O <sub>2</sub>	(B) 3.14 ml of O,						
(C) 4.13 ml of O <sub>2</sub>	(D) $0.67 \text{ ml of O}_{3}$						
92. Which of the following is not secreted b	y kidney?						
(A) Renin	(B) EPO						
(C) Calcitriol	(D) Dopamine						
93. Vomiting centre is situated in:	Maria Park						
(A) Arbor vitae	(B) Pons varolii						
(C) Medulla oblongata	(D) Cerebrum						
T.G.T.(CBZ) (Code : CB) 13	P.T.O.						





Contd.

94.	An inhibitory neurotransmitter in the central nervous system.			
	(A)	Epinephrine Company	(B)	Nor-epinephrine
	(C)	GABA	(D)	Glutamate
95.				
	(A)	Addison's disease	( <u>B</u> )	-Cushing's disease
	(C)	Gull's disease	(D)	Grave's disease
96.	. Body cavity derived from blastocoel forms:			
	(A)	Haemocoel	(B)	Schizocoel
	(C)	Enterocoel		Pseudocoel
97.	Darlington proposed the most accepted theory of crossing over. That is:			
	(A)	Chiasma theory	(B)	Copy choice theory
	(C)	Breakage and reunion theory	(D)	Classical theory
98.	. Bowman's capsule is lined by which type of epithelium?			
	(A)	Squamous	(B)	Cuboidal
	(C)	Columnar	(D)	Stratified
99.				
	Gov	vernment of India?		
	(A)	1972	(B)	1992
	(C)	1962	(D)	1982
100. The type of cleavage found in annelids, most molluscs and flatworms is:				
	(A)	Radial cleavage	(B)	Spiral cleavage
	(C)	•	(D)	Rotational cleavage
÷				
etteries is the state of the st				
T.G.T.(CBZ) (Code : CB) 14				