CENTRE FOR EDUCATIONAL DEVELOPMENT OF MINORITIES

Nizam College Campus, Hyderabad - 500 001.

Time:150 Min. TGTET JUNE 2025 - Paper-II - MATHS & SCIENCE Mark: 150

Part I. CHILD DEVELOPMENT AND PEDAGOGY (Marks: 30) The following concept is the product of maturation and learning: 1. (1) Growth (2) Development (3) Personality (4) Knowledge. 2. Motor development is closely related with : (1) Physical development. (2) Mental development (3) Quantity development (4) Quality development. 3. The infants become fearful of percieved threats begin to prefer familier people and show anxiety and distress when separated from them or approach by strangers during the period of (1) 6-10 months (2) 12-16 months (3) 8-12 months (4) 4-8 months 4. The prenautal period is: (3) 280 days (1) 276 days (3) 290 days (4) 260 days 5. Which of the following is not the principle of development? (1) Principle of integration (2) Principle of interrelation (3) Principle of uniformity (4) Principle of ethics Which of the following factor is useful for a teacher to assign indoor and outdoor to 6. his students ? (2) Social factor. (1) Biological factor (3) Physical factor (4) Psychological factor 7. The age in which the infants are able to differentiate the love and anger is (1) 4 months (2) 6 months. (3) 8 months. (4) 10 months. 8. In which to of the following stage of piagets cognitive development, the child fails to understand the conservation of matter.? (1) Sensory Motor stage. (2) Concrete operatimal stage (2) Pre-operational stage (4) Formal operational stage. 9. In early stage of adolescence, the rate of growth of lymbs is very high. It is due to process. (1) Proximal (2) Reverse cephalocaudal (3) Cephalocaudal (4) Cephalo 10. The father of client centered therapy is: (1) B.F. Skinner (2) Noam Chomsky. (3) Sigmend Freud (4) Carl Roger 11. The component which attitudes cannot include: (1) Cognitive (2) Affective (3) Emotional (4) Behavioral An innate in born ability or capacity to learn to do a certain kind of work, is 12 (2) An aptitude (3) An attitude (4) Innate potential (1) Interest 13. Which of the following interests contribute to reduce the mental tensions? (2) Recreational (1) Social (3) Personal (4) Intellectual

14	4 On conducting the psychological test of a child of 13 years old, the psychologist the mental age 15 years. What is the nearest approximate intelligence quetient of				
	(1) 00 (2) 110	$(2) 120 \qquad (4) 145$			
15	(1) 90 (2) 110 Find out the wrong statement on nervonalit	(3) 130 (4) 143			
15.	(1) All superior of human development influences	y.			
	(1) All aspects of human development influ (2) \mathbf{P} = $1^{(1)}$: $1^{(2)}$	iences personality.			
	(2) Personality is dynamic				
	(3) Personality is a complex concept.				
	(4) We can measure but cannot asses it cor	npletely.			
16.	Which of the following one is not an exam	ple of non-associatative learning?			
	(1) Habituation (2) Sensitization	(3) Associative learning (4) All of these			
17.	After playing a music based video game, so	ome people may be motivated to learn how			
	to play a real instrument is example for:				
	(1) Dialogic Learning	(2) Tangential learning			
	(3) Non-formal learning	(4) Informal learning			
18.	We can bring a child to school, but cannot	make him to learn, where there is			
	(1) No text books (2) No Teacher	(3) No motivation (4) No readiness			
19.	Radical behaviorism was developed by:				
	(1) Ivan Pavlov (2) B.B. Skinner	(1) E.L. Thorndike (1) Watson			
20.	In which of the following learning type, the	e learner is more active?			
	(1) Pavlov	(2) Skinner			
	(3) Social learning	(4) Rote memorization			
21.	Find out the mismatched pair.				
	(1) Positive reinforcement : reinforcement	(2) Negative reinforcement : escape.			
	(3) Positive punishment : Positive response	e. (4) Negative punishment : penalty.			
22.	Response given for conditioned stimulus is				
	(1) Conditioned Response	(2) Unconditioned Response.			
	(3) Reinforcement	(4) Unconditioned stimulus.			
23.	Which of the following treats learner as an	information constructor?			
	(1) Gestalt school (2) Behaviorism	(3) Constructivism (4) Humanism			
24.	Gestalt means.				
	(1) Total fact				
	(2) Total figure				
	(3) Meaningful patterns of the individual co	oncept.			
	(4) Meaningful or Unified whole.				
25.	John Deway named school in this way				
	(1) Extensive Society	(2) Miniatured Society.			
	(3) Institutionalized Society	(4) Cultural Society.			
26.	Minimum Educational programme in speci	al education is :			
	(1) Curriculum for all students.				
	(2) Some special, specific educational prog	grammes			
	(3) Both (1) & (2)				
	(4) None of the above.				

- 27. Moderate disabled means: (1) Mentally handicaped who cannot be trained. (2) Mentally handicapped who can be trained (3) Mentally handicapped who does not need training. (4) Trained physically handicapped. 28. The teaching method based on the theory "Learning Through Living" is (1) Heuristic method (2) Synthetic method (3) Project method (4) Laboratory method 29. Who said that "Learning improves through collective activities" ? (2) Thorndike (3) Skinner (1) Pavlov (4) Vygotsky. Who is the classroom leader in the following? 30. (1) Intelligent student (2) Strong student
 - (3) Teacher

(2) Strong student(4) Head master

Part II. LANGUAGE - Urdu (Marks: 30)

		لات کے صحیح جواب کاا نتخاب سیجئے	3) ذیل میں دی گئی نظم <i>پڑھ کرس</i> وا	1-35)
ن گنوائے ہیں کیا کیا	اس آج کل میں عبث د) ہے کتنی دور	اسی فریب نے مارا کہ کر	
سائے ہیں کیا کیا	اسی زمین میں دریا	سے بار گئے	پہاڑ کا ٹنے والے زمیں	
م ڈ گمگائے میں کیا کیا	بڑے بڑوں کے قدم	زور کپتی کا	بلند ہوتو کھے تجھ پہ	
) میں آئے میں کیا کیا	خوداینی ذات په شک دل	ہوں کیا ہوں	خدا ہی جانے یگانہ میں کون	
			لفظ ^{رد} عب ث ' کے معنی ہیں	.31
(4) چارهگر	(3) بےگار	(2) کارگر	(1) بيكار	
			شاعر کس سے مخاطب ہے	.32
(4) دوست سے	(3) خود سے	(2) مشاغرہ سے	(1) ونیاسے	
			تیسر ے شعر میں کوئسی صنعت ہے	.33
(4) صنعت تضاد	(3) صنعت تلميح	(2) صنعت تجنيس	(1) صنعت أيهام	
			یستی کا زور کب معلوم ہوتا ہے	.34
(4) فخرہونے پر	(3) بلندہونے پر	(2) صبر ہونے پر	(1) بے خبرہونے پر	
) ہار جاتے <i>ہی</i> ں	پہاڑ کاٹنے والے زمیں سے کیور	.35
(4) فريب کې وجب	(3) کمڑ وری کی دجہ سے	(2) غفلت کی وجہ سے	(1) بیاری کی وجہ سے	
	- 255	ر کرسوالات کے حصح جواب کاانتخاب	3)	6-40)
ہاڑیا سے کاٹتی ہے مگروہ اس کی دھارکو	ن کلہاڑی کے ساتھ کرتا ہے۔کلہ	ماتھ وہ سلوک کرتے ہیں جو چندا	نیک آ دمی اپنے دشمنوں کے س	
ورکلہاڑی کی بیدر گت ہوئی کہاس کامنھ	وِتا وَں کے سروں پر جگہ پا تا ہےا	، چندن کو بی ^ع زت حاصل ہے کہ ^ر ب	خوشبودار کردیتا ہے۔اس لیے	
		جاتا ہے۔	ا گمیں تیا کرہتھوڑوں سے پیٹا	
ں سے آ زاد ہوتے ہیں۔ ہرحال میں خوش	ا ^ص ی رہتے ہیں۔ دنیا کی خوا ہشوا	ںاور جو کچھ خدانے دیا ہے اس پر ر	بصلے آ دمی سادہ مزاج رکھتے ہیں	
ے دشمنی نہیں رکھتے حرص اور لالچ کی ان کو پیر	شفقت سے پیش آتے ہیں کسی ت	تے ہیں۔سب کے ساتھ محبت اور	ر ہتے ہیں اور فیاضی کی کان ہو	

.48	صبح بہار،اختر ستان،لا لہطور،طیورآ وارہ،نغمہ حرم، چھولوں کے گیت' کس شاعر کے مجموعے ہائے کلام میں؟			
	(1) اخترالایمان	(2) جانثاراختر	(3) اختر شیرانی	(4) سليماختر
.49	جگرمرادآ بادی کی وفات کباورکہ	ېان ہوئى؟		
	(1) 1960 –گونڈہ	(2) 1955 - کانپور	(3) 1965 -الدآباد	(4) 1955 ـمرادآباد
.50	علامت اضافت بير ہيں۔			
	(1) ہمزہ کسرہ	(2) اغراب په حروف	(3) جزم-مشدد	(4) مد فنه
.51	صورت کے لحاظ سے جملے کی کتنی قش	میں ہیں؟		
	(1) دو	(2) چار	(3) تين	(4) پاچې
.52	شعر کس پرتولااور جانچا جاتا ہے؟	-		
	<i>j</i> . (1)	(2) تقطيع	(3) بیان	(4) كلام
.53	فامس، تف،عی کن کس کے ارکا ا	ن بیں؟		
	(1) سبب	(2) وند	(3) فاصله	(4) كلمه
.54	سب سے زیادہ قیمت کس حرف کی	(
	(1) ک	じ (2)	(3) ق	Ė (4)
.55	ادراکی علاقہ کی بیاعلیٰ ترین سطح ہے	-4		
	(1) ترکيب:	(2) تعین قدر	(3) معلومات	(4) تفتيم
.56	ا OU ان خطوط کی اتر	ى <i>طر</i> يقەند ريس م يں پہلے مثق كروا	ئى جاتى ہے	
	(1) پیتالوزی طریقہ	(2) ماشيبورى طريقه	(3) سجاد مرزا کا طریقه	(4) خوش نو یکی کا طریقه
.57	ریاستی درسی کتب کی مذوین کا ذمہ	دا را دارہ ہے		
	NCERT (1)	NFC 2005 (2)	SCERT (3)	NCTE (4)
.58	دستور ہند کےاس دفعہ کے تحت ربا	اِستوں کو بیرخاص مدایت دی گئی کہا	سانی اقلیتوں سے تعلق رکھنے والے	بچوں کی ابتدائی تعلیم ما دری زبان میں
	ہم پہنچائی جائے۔			
	(1) 350 (الف)	(2) 351 (الف)	(3) 352 (الف)	(4) 353 (الف)
.59	SAT کی خصوصیات سے ہیں			
	(1) طلبا کی ذہنی سطحوں یہنی ہے	(2) طلبا کی معلومات پیبنی ہے	(3) طلبا کی معلومات پر منحصر ہے	(4) طلبا کی اکتسابی سطحوں یرمبنی ہے
.60	پیٹالوزی نے اس طریقہ کو پہلے پہل	برائج کیا؟		
	 (1) جملحكا طريقه 	(2) قصة گوئی کاطریقه	(3) صوتی طریقہ	(4) ارکانی یا جزائی طریقه
				··· - •• - ()

Part III. LANGUAGE - II (ENGLISH) (Marks: 30)

(61-65) Read the passage and answer the questions :

Open and Distance Learning in India was introduced by Delhi University in 1962 through the School of Correspondence Courses and Continuing Education to enable those, who had the inclination and aptitude to acquire further knowledge and improve their professional competence. Subsequently in 1968, Correspondence Courses were started by Punjabi University and University of Rajasthan. Meerut and Mysore University started these courses in 1969. In the eighties, the distance education system expanded further. Dr. B.R. Ambedkar Open University, Hyderabad was established in 1982 by the State of Andhra Pradesh. The setting up of Indira Gandhi National Open University by the Government of India in 1985 by an Act of the Parliament is considered to be a landmark development in the field of distance education in the Country.

The Distance Education Council (DEC) was established in 1991 under Section 16(7) read with Section 5(2) of the IGNOU Act, 1985. As per clause (2) (a) of the statute 28, the DEC was responsible for the promotion and coordination of the Open and Distance Learning system in the Country. In May, 2007 a Joint Committee was formed by signing a MoU between UGC, AICTE and DEC for the period of three years till May, 2010. The Joint Committee developed guidelines in the form of 'Recognition of Open and Distance Learning (ODL) Institutions' Handbook 2009. Thereafter, in pursuance of the directions issued by the Ministry of Education, the Department of Higher Education, Government of India issued order dated 29.12.2012, thereby the regulatory functions with regard to Distance Education programmes (excluding technical education) in higher education were vested with the University Grants Commission and for technical education, the AICTE act as a regulator through ODL mode. The Distance Education Council, which was the erstwhile regulator of Distance Education programmes, was dissolved and all regulatory functions were undertaken by the UGC under DEB (Distance Education Bureau) with effect from 2013. The Ministry of Education vide its order dated 25th February, 2014, has directed UGC to act as a regulator for higher education system in ODL mode, including for technical education in universities/affiliated colleges.

61. What is the landmark development in distance education

(1) Parliament Act (2) Open schooling (3) distance learning (4) setting up IGNOU

62. This body acts as a regulatory for ODL

(1) UGC (2) DED (3) DEC (4) ODL

- 63. Open learning was introduced for one who wishes to
 - (1) get high salary (2) improve personality
 - (3) improve knowledge (4) get political power
- 64. This was established under section 16(7)
 - (1) The Ministry of Education (2) The Distance Education Council
 - (3) DrB.R.Ambedkar Open University (4) UGC

65.	They now realized the importance of reading the newspaper.				
	The underlined word is a				
	(1) article	(2) verb	(3) preposition	(4) phrase	
66.	A special dinner wa	s arranged for the M	iss World contestants	by the organizers.	
	This sentence can al	so be expressed as			
	(1) The organisers	were arranged a spec	tial dinner for the Miss	s World contestants	
	(2) Miss World cont	estants arranged a sp	pecial dinner for the or	rganisers.	
	(3) The contestants	arranged a special di	nner for the organisers	s.	
	(4) The organisers a	rranged a special din	ner for the Miss work	d contestants.	
67.	She wasab	out her nomination t	o the bookers prize.		
	Choose the correct of	option for the blank.			
	(1) surprise	(2) will surprise	(3) surprised	(4) will be surprise	
68.	We enjoyed the old	melodies,	_?		
	Supply the correct q	uestion tag			
	(1) don't we	(2) didn't we	(3) doesn't she	(4) shouldn't we	
69.	Identify the error pa	rt of the sentence.			
	One of the participation	nt threw water bottle	es at the player in the s	stadium.	
	Α	В	C	D	
	(1) D	(2) C	(3) B	(4) A	
70.	Our diet hav	ve all rainbow color	vegetables.		
	Choose the correct	option to complete the	he sentence.		
	(1) apply	(2) has	(3) will has	(4) must	
71.	Identify the word in	plural.			
	(1) alumna	(2) alumnus	(3) alumni	(4) alumini	
72.	Identify the correct s	sentence.			
	(1) She wake up at	3am daily.			
	(2) we watch movie	s in Satva Mall.			
	(3) They avoids plas	stic in their school.			
	(4) I had insist you	all torad newspaper	daily.		
73.	Theyapplie	ed for the job before	the deadline approach	led.	
	Choose the correct	option to complete the	he sentence.		
	(1) have	(2) has	(3) had	(4) are	
74.	Students in engineer	ing colleges attend c	classes 'once in a bluer	moon'	
	Identify the meaning	g of the idiom".			
	(1) on holidays	(2) in the evenings	(3) regularly	(4) rarely	

75.	Diffidence				
	Identify the antonym of the ".				
	(1) differenceb	(2) confidence	(3)	collection	(4) zeal
76.	Choose the correctl	y spelt word.			
	(1) commissionar	(2) devilopment	(3) 1	restaurant	(4) tranclation
77.	They have <u>'called or</u>	ff the strike after the	Hyde	erabad Incharge N	Ainister gave assurance.
	Identify the meaning	g of the word ".			
	(1) extended	(2) met	(3) s	started	(4) stopped
78.	They have distribut	ed the Material.			
	Choose the option t	that best expresses th	he giv	en.	
	(1) The material has	ve been distributed.	(2)	The material was	been distributed.
	(3) The material ha	ad been distributed.	(4)	The material has	distributed
79.	The appropriate clo	osing of the official le	tter is	5.	
	(1) passionately	(2) affectionately	(3)	with love	(4) Thank you
80.	Arrange the followi	ng in the correct ord	er.		
	p) she attended the interview q)she read the Employment News				
	r)she prepared the I	Re`sume` s)she appl	lied fo	or the job	
	(1) p,q,r,s,	(2) q,r,s,p	(3)	q,s,.r.p	(4) p.s.q.r
		ENGLISH ME	ТНО	DOLOGY	
81.	Philanthropist is on	e who loves people			
	(1) irrespective of	aste,religion	(2)	with respect to on	e caste
	(3) irrespective of t	heir interest	(4)	with respect to o	ne religion
82.	The other way of early a state of the state	xpressing the line 'Sh	e aske	ed 'where were yo	ou'is
	(1) she asked where	e I am.	(2)	(2) she asked where I had.	
	(3) she asked where I will be.		(4) She asked where I had been		
83.	Identify the silent le	etter in 'rapport '.			
	(2) p	(2) a	(3) t	t	(4) o
84.	In Audio-lingual Method the below concepts have to be taught first				
	(1) reading and wri	ting	(2) mother tongue		
	(3) mother tongue i	s avoided	(4) s	speaking and List	ening[]
85.	Transferring the known in learning the othe	owledge from one lan r is a new ares of Re	iguage searcl	e to another or tak h in ELT, it is term	ting help of one language ned as
	(1) Translation	(2) trans language	(3)]	Interpretation	(4) transmigration
86.	Below given is/are	the example of Refe	erence	e skills	
	(1) Dictionaries	(2) Thesaurus	(3)	Vocabulary	(4) Spellings

87.	The sub-skills of te	The sub-skills of teaching is/are				
	a) Making a queue	b) Questioning	c) Arguing	d) Blackboard work		
	(1) a,b	(2) b,d	(3) c,d	(4) b,d		
88.	This is a major grou	This is a major group of activities that can be conducted in a language class				
	(1) Acting in a movies		(2) Imitating a teach	er		
	(3) Role play		(4) Cleaning the cl	assroom		
89.	According to SCF	2011, Textbooks sho	ould help in interaction	ld help in interaction between		
	(1) Children and po	olitics	(2) Management and	(2) Management and community		
	(3) Government and	d schools	(4) Children and co	mmunity		
90.	Put the given items	in order as per is p	process			
	a) Evaluation b)	Measurement c)	Test	d) Assessment		
	(1) a,b,c,d	(2) c,b,d,a	(3) c,d,b,a	(4) a,c,b,d		
	Part IV.	MATHEMATICS	AND SCIENCE (Ma	rks: 60)		
91.	Convert into $\frac{p}{q}$ from	m to $0.\overline{4}$				
	$(1) \frac{4}{9}$	(2) $\frac{4}{10}$	$(3) \frac{3}{10}$	$(4) \frac{4}{99}$		
92.	Who was the mathe	ematician who disco	overed Irrational number	er?		
	(1) Archimedes	(2) Arya Bhatta	(3) Pythagoras	(4) Newton		
93	If GCD and LCM Second number?	are 1560 and 10 re	espectively. If first nut	mber 10 then what is the		
	(1) 110	(2) 130	(3) 125	(4) 120		
94.	Which of the follow	ving is cubic root				
	(1) 889	(2) 243	C B	χ.		
	(3) 729	(4) 15525	$\binom{8}{3}$ A			
95.	Find $n(A \cap B)$ from	n given figure				
	(1) 2	(2) {1,2}	$\left(\begin{array}{c} 1 \\ 2 \\ 4 \end{array} \right)$	/)		
	(3) 6	(4) 4	7			
96.	The Degree of Con	stant term is				
	(1) 0	(2) 1	(3) 2	(4) 3		
97.	The sum of two nur	mbers is 29 and one	number exceeds anothe	er by 5. Find the numbers.		
	(1) 14, 19	(2) 12, 17	(3) 15, 14	(4) 20, 9		
98.	The Product of two	consecutive integer	rs is 306. Then its quad	ratic equation?		
	(1) $x^2 + x + 306 = 0$	(2) $x + x^2 + 306 =$	0 (3) $x + x - 306 = 0$	$(4) \ x^2 - x + 306 = 0$		

99.	Find the radius of the circle whose centre is $(3,2)$ and passing through $(-5,6)$				
	(1) $\sqrt{5}$ units	(2) $\sqrt{7}$ units	(3) $4\sqrt{7}$ units	(4) $4\sqrt{5}$ units	
100.	24 men working at 8 can 20 men working	3 hours per day can d g at 9 hours per day	o a piece of work in 15 can complete the same	days. In how many days work?	
	(1) 15 days	(2) 16 days	(3) 17 days	(4) 14 days	
101.	If P= `2500, R = 6%	6 per annum. Then f	ind the amount at comp	pound interest in 2 years.	
	(1) 2809	(2) 2000	(3) 2400	(4) 309	
102.	Find the angle betwee	een the two hands at	2 hour 35 minutes		
	(1) 160°	(2) $132\frac{1}{2}^{\circ}$	(3) $162\frac{1}{2}^{\circ}$	(4) 150°	
103.	If the average of the	numbers 9, 11, 13,	p. 18 is p then value of	p?	
	(1) 120	(2) 13	(3) 14	(4) 18	
104.	If the complementar	ry of an angle is 25%	o. of its supplement the	en it's measure is	
	(1) 75°	(2) 30°	(3) 1360°	(4) 45°	
105.	45 leaves remainder 2 when divided by 5 and leaves remainder 1 when divided by 3 what is the value of 2?				
	(1) 7	(2) 2	(3) 4	(4) 6	
106.	Find the area of sha	ded region of the giv	ven figure		
	(1) 94.5 m ²	(2) 21 m			
	(3) 80.4 m ²	(4) 60.2 m ²		21m	
107.	A Person bought an	article for Rs 300 an	nd Sold		
	it for Rs.320 then hi	is gain Percentage is		*	
	(1) 18	(1) $4\frac{1}{2}$	(3) $6\frac{2}{3}$	(4) 7	
108.	One of the following	g cannot be the sides	s of triangle.		
	(1) 1 cm 2 cm 3 cm	n	(2) 10 cm, 8cm, 9em		
	(3) 4m, 5m, 6m		(4) 4.5cm, 3.5cm, 2.	5 m	
109.	A Weighs 80 kilogra the 3 people weight	ams, B weights 40 ki altogether in grams	llograms. C Weight bo	kilogram. How much do	
	(1) 100000 g	(2) 1800000 g	(3) 150000 g	(4) 1600000 g	
110.	If $5^{x} = 1000^{\circ}$ then 5	^{x-2} =?°			
	(1) 10	(1) 50	(3) 25	(4) 40	

111.	If the length of a rectangle is 8 m less than twice its breadth. If the Perimeter of the rectangle is 56m find its length and breadth,			
	(1) $L = 12M$; $b = 1$	6M	 (2) L = 24M, b = 12M 3 (4) L = 10m, b = 8m 	
	(3) $L = 16 \text{ m}, b = 12$	2M		
112.	Which of the follow	ing pairs of number	is not of co-primes?	
	(1) 14, 15	(1) 99, 713421	(3) 64, 70	(4) 132, 121
113.	Which of the follow	ring letter is Symmet	ric	
	(1) B	(1) F	(3) G	(4) C
114.	Which of the follow	ing paire is pythagoi	rean triplets.	
	(1)(8,7,3)	(2) (5,6,7)	(3) (12, 13, 14)	(4) (8, 15, 17)
		MATHEMATICS I	METHODOLOGY	
115.	Mathematics is a sci	ience of quanty defin	ned by	
	(1) Aristole	(2) August comte	(3) Plato	(4) Eratosthene
116.	A Maths Teacher sh	ould be in the classro	oom.	
	(1) Sincere	(2) Paigot	(3) Compassionate	(4) Sleeper
117.	Geometry Structure	s fall under this calog	gory.	
	(1) Cognative	(2) Affective	(3) Psychomotor	(4) Knowledge
118.	Who said Mathematte is the door and key of Science,			
	(1) Euclid	(2) Roger Bacon	(3) Placto	(4) Russell
119.	Which Mathematicia	an created calculus?		
	(1) Aristotle	(2) Newton	(3) Ramanujam	(4) Rager Beaom
120.	Which is Not value	of Mathematics		
	(1) Utilitratain Value	e (2) Cultural Value	(3) Aesthetic Value	(4) Place Value.
		SCEINCE	CONTENT	
121.	The instrument which	ch is used to determi	ne the relative density	of Liquid is
	(1) Hydrometer	(2) Lactometer	(3) Gravity mater	(4) Manometer
122.	Which of the follow	ing properties disting	guish Sturn from other	planets
	(1) It's Red Colour		(2) It's Yellowish colo	our and rings around it.
	(3) It's Blue Colour		(4) It has many moon	s around it.
123.	Which of the followi object	ing is used in a Micro	scope to form enlarged	and erected image of an
	(1) Double Convex	lens	(2) Double Concave	lens
	(3) Convex Mirror		(4) Concave mirror	

124.	The audible sound range of a man is			
	(1) 20Hz - 200Hz	(2) 2KHz - 20KHz	(3) 20 KHz-200 KHz	z (4) 20Hz-20KHz
125.	The melting point and Latent Heat of fusion of ice are respectively			
	(1) 373K, 540 cal/g	m	(2) 273K, 80cal/gm	
	(3) 0K, 540 cal/gm		(4) 0K, 80 cal/gm	
126.	Acceleration of a bo	ody is Zero when it n	nove with	
	(1) Constant speed	(2) Variable speed	(3) Constant velocity	(4) None of the above
127.	Ohm's Law is valid	for which of the foll	owing	
	(1) Semi Conductor	S	(2) Metal Conductors	8
	(3) Gaseous Conduc	ctors	(4) Non-Conductors,	
128.	The only synthetic f	ibre obtained from p	blant's Cellulose is	
	(1) Nylon	(2) Polyster	(3) Acrylic	(4) Rayon
129.	In the given balance	ed equation,		
	$Fe_2O_3 + X Al \longrightarrow$	$Y Fe + Al_2O_3$ the val	ue of X and Y is	
	(1) X=2, Y=2	(2) X=1, Y=1	(3) X=1, Y=2	(4) X = 2, Y=1
130.	The maximum numb	er of electrons that ca	an be accommodated in	the M-Shell of an atom is
	(1) 2	(2) 8	(3) 18	(4) 32
131.	Number of elements	s present in 2nd perio	od of the modern perio	dic Table is
	(1) 2	(2) 8	(3) 18	(4) 32
132.	Galena is an ore of			
	(1) Zn	(2) <i>Pb</i>	(3) <i>Hg</i>	(4) Al
133.	Which of the follow	ing method is not su	itable for teaching of s	Science
	(1) Lecture Method		(2) Heuristic Method	
	(3) Project Method		(4) Demonstration M	lethod
134.	Science Kits have b	een produced by		
	(1) The Central Scie	ence workshop in NC	CTE	
	(2) Central Science	workshop in SCERT	•	
	(3) The Central Scie	ence workshop in NC	CERT	
	(4) A central panel of	of science teacher in	UNESCO	
135.	The main purpose of learning process, is	of this type of evalu	ation is directed towa	ards improving teaching-
	(1) Diagnostic evalu	ation	(2) Informative evalu	ation
	(3) Summative eval	uation	(4) Formative evalua	tion

136.	A plant that stores for	ood in it's roots	_	
	(1) Potato	(2) Carrot	(3) Garlic	(4) Ginger
137.	Find the missing pro	duct in the equation	1	
	$CO_2 + H_2O - \frac{Light}{Chloroph}$	$\rightarrow CH_2O + \dots + O$	\mathcal{O}_2	
	(1) CO ₂	(2) H ₂ O	(3) $C_6 H_2 O_6$	(4) 6SO ₂
138.	Example for weedic	ide is		
	(1) 2, 4-D	(2) Endrin	(3) Endosulfan	(4) Aldrin
139.	Identify the stage of	cell division		
	(1) Prophase	(2) Metaphas	0000	
	(3) Anaphase	(4) Telophase		
140.	Todopsin pigment is	the one which becc	ome handy when	
	Light Dreams			
	(1) There is bright li	ght	(2) There is no light	
141.	The purpose of first	aid is?		
	(1) Reduce mortality	y rate	(2) Increase life span	
	(3) Decrease popula	tion growth	(4) Keep the victim a	alive.
142.	Bio accumulation means the entering of in a food chain			
	(1) Another pradator	r (2) Extra producer	(3) Pollution	(4) All of these
143.	Match the following.			
	List-I		List-II	
	1. Artial contraction		a. 0.27 - 0.35sec	
	2. Ventricular contra	action	b. 0.8sec	
	3. Cardiac cycle		c. 0.11 - 0.14sec	
144.	The Conversion of C	Glucose to pyruvic a	cid yields to net gain o	f ATP
	(1) 2 molecules of A	TP	(2) 36 molecules of A	ATP
145	(3) 4 molecules of A	IP Novina is not a con	(4) 38 molecules of A	ΔГР
143.	(1) Cartillage	(2) Ligament	(3) blood	(1)Non-striated
146	Which one of the fo	(2) Eigement	ample for feedback me	chanism
110.	(1) As the baby suc	cks more prolactin is	s produced which enha	nces milk productions
	(2) When the gluce	ose level in blood ris	ses above the normal l	evel, one type of cells in
	pancrease respo	onds by producing n	nore amount of insulin.	
	(3) Running in fear	when chased by a d	log, increases the rate of	of heart beat
	(4) After entering a	dark room, after son	ne time slowly objects	in the room can be seen.

- 147. Identify the pair of diseases the are Caused by proto zoon and bacterium respectively
 - (1) Dengue Chickangunya. (2) Diptheria Whooping caugh
 - (3) Maleria Typhoid (4) Cholera Typhoid

148. A factor being measured in an experiment is the

- (1) Independent variable (2) Dependent variable (3) Centriol (4) Constant.
- 149. Which of the following is NOT correct in advocating environmental influence individual development?
 - (1) School facilities, Personal develoment W.C Bagley
 - (2) Forsterind Kids Skodak
 - (3) Gypsy children Gordon
 - (4) 19 pairs of identical twins Watson
- 150. The educational objectives are the detailed specification of the evaluative techniques. This was stated by

(1) J. B. Connat (2) Good (3) Bloom (4) Fisher.
