18236

1.	Fricks	on's Psycho social theory is		
1.	A)		B)	Stage theory of development
	C)	Systems theory	D)	Widely used in psychiatric treatments
	,		,	
2.		-	tively ı	used to find out the effect of a teaching
		y on the achievement of students? Observation	D)	Casa study
	A) C)	Experiment	B) D)	Case study Survey
	0)	Experiment	D)	Survey
3.	Who a	mong the following explains the hiera	archy of	f human needs?
	A)	J. B. Watson	B)	Kurt Lewin
	C)	B.F. Skinner	D)	Abraham Maslow
4.	A ners	son who can easily interact in a social	context	nossesses.
т.	A)	Intrapersonal intelligence	B)	Spatial intelligence
	C)	Interpersonal intelligence	D)	Naturalistic intelligence
	0)	interpersonal interngence	D)	rataranstie interngenee
5.	Accor	ding to Piaget's theory of development	nt, the a	bility of reversible thinking emerges at
	A)	Concrete operational stage	B)	Formal operational stage
	C)	Sensori motor stage	D)	Pre operational stage
6.	Which	of the following psychologists emph	asizes f	he role of language culture in learning?
0.	A)	Jean Piaget	B)	Lev Vygotsky
	C)	Jerome S. Bruner	D)	E.L. Thorndike
_	~			
7.	CAI m			
	A)	Computer Aided Institution	B)	Computer Assisted Instruction
	C)	Computer Assisted Institution	D)	Computer Associated Instruction
8.	Which	of the following principles is incorre	ct regar	ding pragmatism?
	A)	Emphasise change	B)	Man is a social animal
	Ć	Experimentalism	D)	Auto education
0	XX 71 · 1			·
9.		of the following is not a principle of		
	A)	Figure- ground	B)	Closure
	C)	Symmetry	D)	Uniformity
10.	The us	se of consequences in learning is empl	hasized	in:
	A)	Operant conditioning	B)	Classical conditioning
	Ć	Gestalt theory	D)	Insight learning
	/	2	,	



120 MINUTES

11. Article 51 A suggested

C)

- To safeguard public property and to abjure violence A)
- To fight for religious interest B)
- C) To ensure vested interest
- D) To participate in antinational activities
- 12 Authoritarian type of Parenting Style
 - Supports punishment as a means of control A)
 - B) Guides through model behaviour
 - Nurtures positive behaviour through rewards C)
 - Promotes self discipline D)
- Choose the statement which is not true 13.
 - Unsafe living conditions leads to stress among adolescents A)
 - B) Stress produces changes in body and behaviour of an individual
 - C) Common cold and asthma are caused by stress in some people
 - Intense emotions are not related to stress D)
- 14. Punishment is most effective in suppressing behaviour when it is:
 - Immediate, consistent, and intense Delayed, consistent, and mild A) B)
 - Immediate, inconsistent, and mild Delayed, inconsistent, and intense D)
- 15. The technology that can be used for helping the students with diverse needs is:
 - Instructional technology A) B) Integrated technology
 - Simple technology D) Assistive technology C)
- 16. Which of the following reinforcement schedule is least effecting extinction?
 - Fixed interval Fixed ratio A) B)
 - C) Continuous D) Variable interval
- 17 A student who strive to achieve more knowledge and understanding is possessing:
 - A) Self Esteem needs
- B) Deficiency needs

C) Growth needs

- D) Learning needs
- 18. Two statements regarding the qualities of an effective teacher is given below.
 - 1. A teacher needs to change his behaviour and attitude as per the needs of the society

2. Knowing the background of the students is a prerequisite for teaching Which of the following is correct?

- Only statement 1 is correct A)
- B) Only statement 2 is correct
- C) Statements 1 and 2 are correct
- D) Neither 1 nor 2 is correct
- 19. Arun shows less interest in classroom activities and often engage in undesirable behaviours to his classmates. What is the best strategy that can reduce this behaviour?
 - A) Take disciplinary action
 - Analyse the reason for his behaviour and take necessary remedial measures B)
 - C) Send him to special school
 - Neglect him and blame his parents D)

20.	 Which of the following is not appropriate with respect to classroom management? A) Establish and teach rules B) Reinforce positive behaviour C) Enforce strict discipline D) Address misbehaviour
21.	 An administrator should raise the morale of his teachers by A) Offering financial profit B) Providing academic autonomy C) Maintain rules and regulations D) Periodical evaluation
22.	Rig Veda says, education is the process which makes man self-reliant andA)SelflessB)HumanC)UsefulD)Worthy
23	An example for non verbal communication isA)LecturingB)Speaking-listeningC)Mass communicationD)Gestures
24.	A teacher carry out a study to find out the classroom problems and try to solve the problembased on the findings is usingA)Case StudyB)ExperimentC)Action researchD)Longitudinal Survey
25.	The most appropriate test that a teacher can use to identify the learning difficulties of students isA)Diagnostic TestB)Achievement TestC)Norm Referenced TestD)Prognostic Test
26.	 How can a student overcome his backwardness in learning and achieve to his maximum potential A) Give peer coaching B) Avoid the student as it may be by sparing the time of other students C) Provide remedial coaching D) Keep your speed of teaching fast so that student's comprehension level may increase
27.	 If a teacher is not able to answer the question of a pupil A) He should say that he will answer after consultation B) Rebuke the pupil C) Say that the question is wrong D) Feel shy of his ignorance
28.	For ensuring maximum participation of students in classroom learning, a teacher can adoptA)LecturingB)AssignmentsC)DiscussionD)Reading and reviewing
29.	 Teaching will be effective when A) A teacher teaches considering the level of students B) A teacher uses multi-sensory modality C) A teacher is interested in making the subject matter understood rather than on completing the course D) All of the above

- 30. A democratic classroom offers
 - A) Freedom to do anything in the classroom
 - B) Respects the individual talents
 - C) Uses the potentiality of bright students
 - D) Uses uniform strategy of teaching
- 31. If a student in your class shows aggressive behaviour, what will you do?
 - A) Inform parents and take disciplinary action
 - B) Talk with him frankly and try tofind out the reason for his behaviour
 - C) Complain to the principal against him
 - D) Send him to special school
- 32. If students' learning is to be applied wherever required, the teacher should
 - A) Provide opportunities for positive transfer of learning
 - B) Provides sufficient learning aids while teaching
 - C) Practice in memorisation
 - D) Simplify the learning experiences
- 33. During the introduction of a lesson, primary importance should be given to
 - A) Provide additional learning experiences
 - B) Give a definition of the concept in advance
 - C) Provide activity to students
 - D) Try to link with the previous knowledge
- 34. Given below are some phases related to teaching.
 - 1. Selection of appropriate teaching aids
 - 3. Providing feedback
- 2. Planning of the lesson
- 4. Motivation

Which of the following is the correct order?

- A) 1, 4, 2, 3 B) 4, 3, 2, 1 C) 4, 2, 1, 3 D) 2, 3, 1, 4
- 35. While teaching the historical monuments, the suitable learning aid that can be used for students is
 - A) Photographs B) Field visits
 - C) Motion Pictures D) Narrative sketch
- 36. Technology no longer protected by copyright, available to everyone, is considered to be:
 - A) ProprietaryB) OpenC) ExperimentalD) In the public domain
- 37. The division which manages the information and communication resources and is engaged in the production of multimedia, study materials, training of teachers etc. in CIET is
 - A) MMDD B) DICT
 - C) Engineering division D) Training division

- 38. A teacher attempts to improve the memory of his students while teaching complex concepts. Which of the following strategy can be the most suitable one?
 - A) Story telling

B) Peer tutoring

C) Mnemonics

- D) Brain storming
- 39. For evaluating the overall performance of students, a teacher can use
 - A) Summative evaluation
 - B) Achievement tests

Synapse

A)

- C) Performance evaluation
- D) Continuous and comprehensive evaluation
- 40. What is responsible for the chemical transmission of messages between cells?
 - B) B) Neurotransmitters
 - C) Axons D) Dendrites
- 41. The chief responsibility of Headmaster is
 - A) Handle disciplinary problems
 - B) Maintain school records
 - C) Provides leadership in school activities
 - D) Organize counselling programmes
- 42. Two statements related to learning are given below.
 - 1. Maturation is a pre requisite for learning
 - 2. Learning results in development. Which of the following is correct?
 - A) Statement 1 alone is correct B) Statement 2 alone is correct
 - C) Neither two statements are correct D) Both statements are correct

43. To develop maximum attention in classroom teaching, a teacher can use

- A)Narrative sequencesB)Variety learning situations
- C) Peer tutoring D) Lecturing slowly and steadily

44. A learning curve is a graphical representation of

- A) Interest vs. Attention B) Motivation vs. Learning
 - C) Performance vs. Time D) Achievement vs. habit

45. An important philosophical principle underlying inclusive education for students with disabilities is

- A) Realism B) Assimilation
- C) Normalization D) Accommodation
- 46. Process aimed at enabling persons with disabilities to reach and maintain their optimal physical, sensory, intellectual, and social functional levels is
 - A) Rehabilitation B) Preservation
 - C) Conservation D) Integration

47.National Trust Act (NTA) was formulated in the year
A) 1992D) 2002

48.	The b	ranch of philosophy which deals with	the the	ories and nature of reality
	A)	Axiology	B)	Metaphysics
	C)	Epistemology	D)	Vedanta
49.		ype of grading in which grades are ass art of the programme is:	igned a	ccording to cut off levels decided before
	A)	Relative Grading	B)	Direct Grading
	C)	Indirect Grading	D)	Absolute Grading
50.		ld who is proficient in mother tongue : s due to:	finds it	difficult to learn a foreign language. This
	A)	Positive transfer	B)	Negative transfer
	Ć)	Null transfer	D)	Bilateral transfer
C 1	A 1.1		C1 1 1	
51.		ld bitten by a white dog is not afraid o Stimulus discrimination		
	A)		B)	Stimulus generalisation
	C)	Stimulus substitution	D)	Spontaneous recovery
52.	The p	rimary duty of the teacher is to		
	A)	Raise the intellectual standard of the	e studen	ts
	B)	Improve the physical standard of the	e studer	its
	C)	Help all round development of the s	tudents	
	D)	Imbibe value system in the students		
53.	Whiel	h of the following is not a characterist	ic of a s	standardised test?
	A)	Reliability	B)	Validity
	C)	Usability	D)	Ambiguity
54.	Whicl	h of the following is Doordarshan's Ec	lucation	nal Television Channel?
•	A)	Gurukul	B)	GyanBharati
	Ć)	GyanDarshan	D)	Vidya
55.	Person	nality development of a student prima	rilv der	pends on
55.	A)	Emotional climate at home	B)	Discipline in school
	C)	Interaction with peers	D)	Biologically inherited
56.	'Cone	of Experience' was propounded by:		
50.	A)	Ned A. Flander	B)	S. L. Pressey
	$\frac{1}{C}$	Edgar Dale	D)	B.F. Skinner
		C		
57.		nce Organiser Model' is the contribut		
	A)	Kohlberg	B)	David Ausubel
	C)	Jerome Bruner	D)	Jean Piaget
58.	If stuc	lents are not taking interest in your tea	aching.	then you will—
	A)	Ignore them	B)	Leave the class
	Ć)	Ask them to pay attention	D)	Change the teaching method
	*		*	

59.	 Social change means A) Changes in structure and functions of society B) Preservation of culture C) Change in structure of society D) Moving from one society to another 								
60.	A normal probability curve isA)Positively skewedB)Negatively skewedC)Having zero skewnessD)Leptokurtic								
61.	The sun is seen before actual sunrise. This is due to:A)ReflectionB)RefractionC)DispersionD)Total Internal Reflection								
62.	 A liquid drop tends to appear in spherical shape because of: A) Surface tension B) Viscous force C) Gravitational force D) Centrifugal force 								
63.	The students in three classes are in the ratio $4:5:3$. If 30 students are increased in each class, the ratio changes to $6:7:5$. The total number of students before the increase was: A) 180 B) 240 C) 120 D) 96								
64.	A and B working separately can do a piece of work in 45 and 40 days respectively. Theybegan the work together, but A leaves after some days and B finished the remaining work in23 days. After how many days did A leave?A)6 daysB)9 daysC)12 daysD)8 days								
65.	 Nitrous oxide, commonly called laughing gas, has been a matter of concern to environmentalists recently because A) It is thought to cause cancer at low concentrations B) It produces photochemical smog C) It is a greenhouse gas D) It helps to improve health 								
66.	The radioactive element most commonly detected in humans is:A)Potassium-40B)Cobalt-60C)Iodine-131D)Plutonium-238								
67.	A device used to measure the amount of moisture in the atmosphere is called:A)HydrometerB)HygrometerC)AnemometerD)Barometer								
68.	Which of the following programming language is used to create programs like applets?A)COBOLB)BASICC)C LanguageD)Java								
69.	The estrogen and androgen hormones which regulate sexual development and function are structurally related to:A)Beta caroteneB)EthanolC)AdrenalineD)Cholesterol								

70.	The most abundant organic molecule on the surface of the Earth isA)CelluloseB)RNAC)DNAD)Haemoglobin								
71.	A man covers a certain distance between his house and office on scooter. Having an average speed of 30 km/h, he is late by 10minutes. However, with a speed of 40 km/h, he reaches his office 5 minutes earlier. Then the distance between his house and office is: A) 40 km B) 50 km C) 30 km D) 20 km								
72.	Biomass energy is:A)Formed through photosynthesis.B)Caused by heat due to the large mass of the earth.C)Usable for only a few years.D)Effective only in certain regions of the earth								
73.	A light-year can be converted intoA)HoursB)Astronomical unitsC)Foot-candlesD)Ergs								
74.	 How does an enzyme affect the rate of a reaction? A) It raises the activation energy and increases the reaction rate B) It lowers the activation energy and increases the reaction rate C) It raises the activation energy and decreases the reaction rate D) It lowers the activation energy and decreases the reaction rate 								
75.	Which of the following helps in photosynthesis?A)CytoplasmB)MitochondriaC)RibosomesD)Chloroplasts								
76.	Pali is the language associated with:A)BuddhismB)JainismC)IslamD)Jews								
77.	Which Veda is important for Indian music?A)Rig VedaB)Sama VedaC)Yajur VedaD)Atharva Veda								
78.	Who is the founder of Maurya Dynasty?A)BindusaraB)AsokaC)Chandra GuptaD)Shalishuka								
79.	Which of the following country does not share boundary with Arunachal Pradesh?A)BhutanB)ChinaC)MyanmarD)Bangladesh								
80.	The first Asian honoured with Nobel Prize for EconomicsA)Man Mohan SinghB)Amartya SenC)Montek Singh AhluwaliaD)V.K.R.V Rao								
81.	 CLASS stands for A) Computer Learning and Assessment in School Students. B) Computer Level Assessment of Secondary Schools. C) Computer Literacy and Studies in Schools. D) Centre for Literacy and Studies in Schools. 								

82.	 Basal Metabolic Rate (BMR) is: A) Metabolic rate of person who is at complete rest. B) Metabolic rate of a new born baby. C) Metabolic rate of person who is physically active. D) Metabolic rate of a pregnant lady. 								
83.	Which A)	n part of the bra Cerebrum	part of the brain controls voluntary behaviour? Cerebrum B) Cerebellum C) Medulla D) Cortex						
84.	The pa A) C)	art of a comput Hardware Central Proce	-	-	rms the B) D)				
85.	Which A) C)	n of the followi Environment Self Transcer	al Educ	-	the seeds of ecological citizenship?B) Embedded JusticeD) Social Mobility				
86.	Who v A) C)	o won the Ezhuthachan Puraskaram in 2 Kamala Surayya C. Radhakrishnan				Sugathakumari M. K. Sanu			
87.	KIIFE A) B) C) D)	B stands for Kerala Infrastructure Investment Fund Board. Kerala Industrial Investment Fund Board. Kerala Innovation Investment Fund Board. Kerala Institutional Investment Fund Board.							
88.	Kerala	a?	-	ument is not us		-	-		
	A)	Thimila	B)	Maddalam	C)	Idakka	D)	Chengila	
89.		n is the largest Hutti	-	ne in India? Kolar	C)	Kollur	D)	Panna	
90.	Crust A C)	st and uppermost solid mantle of earth i Lithosphere Asthenosphere				n as: Ionosphere Stratosphere			
91.	The fi A) C)					d medal in Olympics? B) Abhinav Bindra D) Mary Kom			
92.	The length of a rectangle is thrice its breadth. If its length is decreased by 10 cm and the breadth is increased by 5 cm, the area of the rectangle is increased by 150 cm ² . Then, the length of the rectangle is: A) 45 cm B) 30 cm C) 120 cm D) 60 cm								
93.	The na A)	ame of Alla Ra Shehnai	lkha is r B)	elated with: Tabla	C)	Sitar	D)	Santoor	

94.	Which of the following is a percussion instrument?									
	A)	Cymbal	B)	Mandolin	C)	Santoor	D)	Accordion		
95.	The C A) C)	Oscar award for La La Land Lion	best me	ovie in 2017:	B) D)	Moonlight Manchester b	w the S	20		
	C)	LIOII			D)	Manchester u	by the S	ea		
96.		the missing nu 13, 10, 16, 20,								
	A)	22	B)	38	C)	23	D)	40		

Read the following passage and answer the questions 97 & 98:

Nitrogen is the most common substance in Earth's atmosphere. Liquid nitrogen looks like water, but it acts very differently. It disappears as soon as it touches the floor because it rapidly boils and changes back to a gas at room temperature. A flower dipped in liquid nitrogen will shatter because all of the water in the flower freezes instantly. An inflated balloon placed in liquid nitrogen will appear to slowly deflate. The air isn't leaving the balloon, though. It's just taking up less space because it's getting cold and its particles are moving slower. Once the balloon is removed from the liquid nitrogen, it warms back up and returns to normal. Although experimenting with liquid nitrogen is fun, we still need to be careful with it. We always need to protect our eyes by wearing goggles and our hands by wearing gloves. After all, we wouldn't want to freeze and shatter like a flower!

- 97. Liquid nitrogen does not exist at room temperature as
 - A) The boiling point of nitrogen is greater than room temperature.
 - B) The boiling point of nitrogen is less than room temperature.
 - C) The freezing point of nitrogen is greater than room temperature.
 - D) The boiling point of nitrogen is equal to room temperature.

98. When liquid nitrogen comes in contact with a flower,

- A) It remains unchanged
- B) It shatter first and then returns to normal
- C) It shatter rapidly
- D) It expands first and then returns to normal

99.		Fill in the blanks with correct preposition. My father will retire from service an year									
	A)	of	B)	on	C)	in	D)	by			

100.	Select	the odd one:						
	A)	Radium	B)	Radio	C)	Granite	D)	Dynamite

101.	. Identify the type of sentence given. "If you work hard, you will succeed."								
	A)	Negative	B)	Compound	C)	Simple	D)	Complex	
102.	Which of the following is not associated with A)Chamoli districtC)West Bengal				ith Chip B) D)	B) Sunderlal Bahuguna			
103.	Which one of the following does not belongA) PeriyarC) Bhavani					to the category of others? B) Bharathappuzha D) Pamba			
104.	 An international agreement linked to the United Nations Framework Convention on Climate Change is: A) International Environmental Law B) United Nations Environment Programme C) Rio Declaration on Environment and Development D) Kyoto Protocol 								
105.			what is	mber appears the probability $\frac{17}{72}$		sum is 9 or m	-	odd number. If the $\frac{23}{37}$	
106.	Whicl A)	h of the follow USA		ntry is not a per UK	rmanent C)	member in UN Germany	N Secur D)	ity Council? France	
107.	 A high performing institution which comes Commission (UGC) Act, 1956 has been de A) Autonomous institution C) Central University 						ernment versity	-	
108.		•	•	er's published o without permis Falsification	sion is:	lished work, a Copy right	s one's o D)	own, without Fabrication	
109.	 Awards available to Indian students for doctoral study at St John's College under the University of Cambridge are known as: A) Tata Scholarships B) Dr. Manmohan Singh Scholarships C) Oxford and Cambridge Society of India Scholarships. D) USIEF Fulbright-Nehru Fellowships. 						ge under the		
110.	Indiar A)	n constitution d December 10	•	lebrated on January 26	C)	April 22	D)	November 26	
111.	Who A) C)	captained India P.R. Sreejesł Bharat Chetr	1	ey team in the	Rio Oly B) D)	mpics? Ramandeep Manpreet Sir	-		

112.	 2. The scheme which intends to prepare India for becoming a knowledge econor bringing good governance to citizens through synchronized and co-ordinated the entire Government? A) Make in India B) Digital India 	-
	C) Swatch Bharath D) Startup India	
113.	 Out of a total of 120 members in a sports club, 5 % can play all the three gar Hockey and Cricket. The number of members who can play any two and onl above games is 30. The number of members who can play Football alone is 4 total number of members who can play Hockey alone or Cricket alone? A) 45 B) 38 C) 44 D) 3 	y two of the 40. What is the
114.	 The Chief Election Commissioner of India: A) Achal Kumar Jyothi B) Om Prakash Rawat C) Sunil Arora D) Dipak Misra 	
115.	value 5 is added to each value, the coefficient of variation of the new set of	
116.	 A blended learning platform developed by Google for schools that aim to sin activities of creating, distributing and grading assignments in a paperless wa A) Google scholar B) Wikipedia C) Google Classroom D) Google Earth 	1 1
117.	 7. Temple Entry Proclamation was made by: A) Karthika Thirunal Ramavarma B) Chithira Thirunal Balaramavarma C) Sakthan Thampuran D) Keralavarma Pazhassiraja 	
118.	He gets ₹ 30,000 and ₹ 50,000 for 1000 and 2000 books. What is the income 5000 books are sold?	e per book, if
	A) ₹ 17 B) ₹ 22 C) ₹ 20 D) ₹	21
119.	 Who among the following is known as Kerala Gandhi? A) A.K. Gopalan B) C. Kesavan C) K. Kelappan D) Ayyankali 	
120.	 Bacterial decomposition of biological material under aerobic condition is: A) Fermentation B) Fertilization C) Contamination D) Composting 	