Entrance Examination for Admission to the P.G. Courses in the Teaching Departments, 2024

		Tead	ching L)epartn	nents, 2	2024			
				CSS					
	APPLIED PSYCHOLOGY								
	General Instructions								
1. The	The Question Paper is having 100 Objective Questions, each carrying one mark.								
2. The	answers are to	be (✓) 't	ick mark	ked' only	in the " F	Respons	se Shee	t" provide	ed.
3. <u>Neg</u> a	ative marking	: 0.25 ma	arks will	be dedu	cted for	each wr	ong ans\	wer.	
Time : 2 H	Hours						N	Иах. Маі	ks : 100
To be fille	ed in by the Ca	ndidate							
Register	in Figures								
Number	in words								

Choose appropriate answer from the options in the questions.

 $(100 \times 1 = 100 \text{ marks})$

- 1. Who has worked primarily on the concept of achievement motivation?
 - A. Murray

B. Freud

C. Mary Ainsworth

D. Ryan and Deci

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2.	Who has	proposed	trial and	error	learning?
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A. Pavlov

B. Skinner

C. Thorndike

- D. Seligman
- 3. Which theorists propose that the whole is larger than the sum of its parts?
 - A. Behavioral

B. Psycho analytical

C. Cognitive

- D. Gestalt
- 4. The first experimental laboratory of psychology was set in
 - A. Munich

B. Leipzig

C. Moscow

D. Pennsylvania

5.		was one of the main tenets	of Ca	arl Roger's Client-Centered Therapy.					
	A.	Individuation	B.	Unconditional Positive Regard					
	C.	Finding meaning of life	D.	Unconditional Sympathy					
6.		personality dimensions of Extroversed by	versio	on Introversion and Neuroticism are					
	A.	Sixteen Personality Questionnaire							
	B.	Temperament and Character Inve	ntory	1					
	C.	Eyesenck Personality Questionna	ire						
	D.	Myers-Briggs Type Indicator Inver	ntory						
7.	The	concept of collective unconscious	is giv	ven by					
	A.	Melanie Klein	B.	Sigmund Freud					
	C.	Carl Yung	D.	Erickson					
8.	Which of the following best describes parametric statistics in Psychological research?								
	A.	A statistical method used for analyzing non-normal distributions							
	B.	A set of techniques based on assumptions about the population distribution							
	C.	Techniques primarily used for qualitative data analysis							
	D.	Statistical tools suitable for small s	samp	le sizes					
9.	Wha	What is the purpose of the p-value in hypothesis testing?							
	A.	To determine the effect size of the observed relationship							
	B.	To quantify the strength of evidence against the null hypothesis							
	C.	To estimate the power of the statistical test							
	D.	To indicate the directionality of the relationship between variables							
10.	If a person is excessively concerned with cleanliness and orderliness, then h said to be fixated at								
	A.	Phallic stage	B.	Oral Stage					
	C.	Anal Stage	D.	Latency Stage					
11.	Catt beh	ell named aspects of personality aviours of individuals as	that	can be easily seen in the outward					
	A.	Surface traits	B.	Unique traits					
	C.	Cardinal traits	D.	Source traits					

12.		classical conditioning theory, tonditioned stimulus is known as	he	natural	unlearned	response	to ar
	A.	Reconditioned response					
	B.	Higher order condition response					
	C.	Conditioned response					
	D.	Unconditioned response					
13.		ch parametric statistic is appropria continuous variables in Psycholog				lationship b	etweer
	A.	Chi-square test	B.	Indepe	endent samp	oles t-test	
	C.	Pearson correlation coefficient	D.	Mann-	-Whitney U	test	
14.		ndividual's efforts to manage inter ources is called as	nal c	or extern	al demands	that tax hi	s or he
	A.	Resilience	B.	Coping	9		
	C.	Appraisal	D.	Motiva	ition		
15.		en conducting an experiment with earch, which parametric test is com					ologica
	A.	Analysis of Variance (ANOVA)					
	B.	Paired samples t-test					
	C.	Wilcoxon signed-rank test					
	D.	Kruskal-Wallis test					
16.	Whe	en people perform better in front of	an a	audience	e, this is kno	wn as	
	A.	Social transformation	B.	Social	self-efficacy	y	
	C.	Social facilitation	D.	Social	connectedr	ness	
17.	such	en a person has to make a choic n as having to attend a party and h l to be facing					
	A.	Approach approach conflict					
	B.	Approach – avoidance conflict					
	C.	Avoidance – avoidance conflict					
	D.	Mutliple approach–avoidance cor	ıflict				

18.	The A. C.	'id' acts on principle Conscience Pain	B. D.	Pleasure Moral				
19.	The	concept of mental age was given	by					
	A.	Theodore Simon	B.	Throndike				
	C.	Alfred Binet	D.	Spearman				
20.	Whi	ch of the following is a pure project	tive te	est?				
	A.	Thematic Apperception test	B.	Sentence-completion test				
	C.	Draw-a-man test	D.	Rorschach Inkblot test				
21.	Free	e association is a technique of						
	A.	Psychoanalytic therapy	B.	Cognitive Behaviour therapy				
	C.	Gestalt therapy	D.	Existential therapy				
22.	According to the Language Relativity Hypothesis							
	A.							
	B.							
	C.	C. Thoughts determine the language we use						
	D.	D. Upbringing determines the thoughts we have						
23.	Mechanical solutions are obtained by using							
	A.	Heuristics	B.	Algorithm				
	C.	Problem-solving	D.	Trial and error				
24.		ch of the schools proposes that e t person he or she could be?	each	person has the ability to become the				
	A.	Behavioural	B.	Gestalt				
	C.	Humanistic	D.	Cognitive				
25.	The	curve of forgetting is proposed by						
	A.	Hebb	B.	Ebbinghaus				
	C.	Lashley	D.	Baddeley				

26.	purp	relligence is the aggregate or co posefully, to think rationally, and to nition was given by	globa deal	I capacity of the individual to act effectively with his environment." This	
	A.	Binet	B.	Wechsler	
	C.	Gardener	D.	Guilford	
27.	Baq	er Mehdi developed a test for mea	surin	g	
	A.	Aptitude	B.	Memory	
	C.	Intelligence	D.	Creativity	
28.	Whe	en a person is seeking to gain achi e in the needs level ir	even Mas	nent, reputation, and status, he is said slow's hierarchy.	
	A.	Security	B.	Love and belongingness	
	C.	Self- esteem	D.	Aesthetic	
29.		Erickson's theory of personality de riority occurs during	velop	oment, the conflict of industry versus	
	A.	Young adulthood	B.	Infancy	
	C.	Middle age	D.	School years	
30.		ording to Gestalt's principles of pe are incomplete is known as	rcept	ion, the tendency to complete figures	
	A.	Proximity	B.	Closure	
	C.	Continuity	D.	Contiguity	
31.	Whi	ch of the following not a dimension	of fiv	/e-factor model of personality?	
	A.	Conservatism	B.	Openness	
	C.	Extraversion	D.	Conscientiousness	
32.		Social Psychology, which of the poliance from another person?	follo	owing is a common way of getting	
	A.	Foot-in-the-door technique	B.	Door in the face technique	
	C.	Lowball technique	D.	All of the above.	
33.	Wha	at is the correct order of language o	devel	opment milestones in infants?	
	A.	Babbling, cooing, single words, te	legra	phic speech	
	B.	Cooing, babbling, telegraphic spe	ech,	single words	
	C.	Cooing, babbling, single words, te	legra	aphic speech	
	D. Single words, babbling, cooing, telegraphic speech				

34.	Mul	tiple Personality Disorder is a type	of				
	A.	Depressive Disorder	B.	Dissociative Disorder			
	C.	Anxiety Disorder	D.	Psychosis			
35.	Rob Wha	at kind of reinforcement pattern is b	r ans eing	swering every five questions correctly. followed here?			
	A.	Continuous reinforcement	B.	Fixed Ratio Schedule			
	C.	Variable Interval Schedule	D.	Fixed Interval Schedule			
36.	Whi Ban	ch of the following is not a compoidura?	nent	of observational learning proposed by			
	A.	Attention	B.	Memory			
	C.	Imitation	D.	Performance			
37.	The of n	type of forgetting that occurs whe ewly learned material is known as	n exis	sting memory interferes with the recall			
	A.	Encoding failure	B.	Disuse			
	C.	Retroactive Interference	D.	Proactive Interference			
38.	Whe Ran	enever Ram gets angry at his bos n is using ————— defense m	s, he echa	comes home and shouts at his wife.			
	A.	Repression	B.	Suppression			
	C.	Displacement	D.	Projective Identification			
39.	The	two-factor theory of intelligence wa	as pr	oposed by			
	A.	Throndike	B.	Binet			
	C.	Thurstone	D.	Spearman			
40.	A.	, ,					
	B.	1 3 71					
	C.	Incorrectly concluding that there is a significant effect when there isn't one					
	D.	Incorrectly concluding that there is one	is no	significant effect when there actually			
41.	Albe	Albert Ellis has given ————					
	A.	Grief therapy					
	B.	Rational emotive behaviour thera	ρV				
	C.	Supportive therapy	. ,				
	D.	Acceptance and commitment there	apv				
		1	1)				

42.	Ras wel	shmi who always gets 'A' grade ir I in work that requires a group effoı	n her t. Thi	individual assignments does not fare is mechanism is known as				
	A.	Social infacilitation	B.	Social incompetence				
	C.	Social impairment	D.	Social loafing				
43.		dipal and Electra complex occu elopment.	rs in	stage of psychosexual				
	A.	Phallic stage	B.	Oral stage				
	C.	Genital stage	D.	Latency stage				
44.		ssy has got an IQ of 88 in an intell ntellectual functioning	igend	ce test. She falls in———range				
	A.	Above Average	B.	Dull Normal				
	C.	Average	D.	Mild Mental Retardation				
45.	The	basic units of sound in language a	are ca	alled				
	A.	Morphemes	B.	Phonemes				
	C.	Syntax	D.	Semantics				
46.		Sushma mostly feels her hands are dirty and keeps washing them repeatedly for a long time. What kind of a disorder she is suffering from?						
	A.	Depression	B.	Panic Disorder				
	C.	Dissociative Disorder	D.	Obsessive Compulsive Disorder				
47.	Tachistoscope is an instrument used to measure ————							
	A.	Attention	B.	Memory				
	C.	language	D.	Motor Skills				
48.	An infant's knowledge that an object exists even when it is out of sight is kn							
	A.	Object-relation	B.	Object–constancy				
	C.	Object-consolidation	D.	Object-permanence				
49.	Which of the following is NOT a monocular cue of depth perception?							
	A.	Accommodation	B.	Convergence				
	C.	Relative size	D.	Texture gradient				

50.	The	concept of basic anxiety was give	n by				
	A.	Alfred Adler	B.	Sigmund Freud			
	C.	Karen Horney	D.	Erik Erikson			
51.			rons	connecting left and right sides of the			
	_	ebral Cortex.	_				
	Α.	ı	B.	Hypothalamus			
	C.	Medulla	D.	Thalamus			
52.		classical conditioning theory, the conse following extinction is called	sud	den reappearance of a conditioned			
	A.	Spontaneous recovery	B.	Higher order conditioning			
	C.	Stimulus generalization	D.	Stimulus discrimination			
53.	The	concept of learned helplessness w	vas g	iven by			
	A.	Skinner	B.	Watson			
	C.	Seligman	D.	Throndike			
54.		———— is the satiation center re	ated	to eating in brain			
	A.	Ventro-medial hypothalamus	B.	Lateral hypothalamus			
	C.	Substantia niagra	D.	Amygdala			
55.	Type A personality is most commonly associated with						
	A.	Gastrointenstinal Disorders	B.	Asthma			
	C.	Diabetes	D.	Coronary Heart Diseases			
56.	The following are the statistical measures: 1) Correlation 2) Standard Deviation 3) Range 4) Mean. Which of the following is a correct option representing the measure of the variability of data?						
	A.	1 and 2	B.	Standard deviation			
	C.	2 and 3	D.	3 and 4			
57.	According to Piaget's theory of cognitive development, which stage is characterized by the ability to think logically about concrete events and grasp concrete analogies and perform arithmetical operations?						
	A.	Sensorimotor	B.	Preoperational			
	C.	Concrete operational	D.	Formal operational			

- 58. The primary function of the myelin sheath is to:
 - A. Increase the strength of the nerve impulse
 - B. Determine whether the postsynaptic neuronal response is excitation or inhibition
 - C. Determine whether the postsynaptic nerve will fire an action potential
 - D. Increase the speed of neuronal firing
- 59. A recessive trait is:
 - A. Expressed when it is overridden by a dominant trait.
 - B. Expressed when the environmental circumstances are permissible.
 - C. Not expressed because of the presence of a dominant trait.
 - D. A trait that has been deleted from the human genome by evolution
- 60. Which of the following is the latest version of the Wechsler Intelligence Scale for Children (WISC)?
 - A. WISC-III

B. WISC-IV

C. WISC-V

- D. WISC-VI
- 61. Which is not a characteristic of Emotions?
 - A. Emotions are universal
 - B. Emotions are personal
 - C. Emotions rise abruptly
 - D. There is a Positive correlation between the upsurge of emotions and intelligence.
- 62. Which of the following is correct according to Canon Bard's Theory of emotion?
 - A. Felt emotion is the perception of bodily changes
 - B. Felt emotion and bodily responses are independent events and occur simultaneously
 - C. The interpretation of bodily arousal denotes emotions
 - D. Bodily changes comes prior to felt emotions
- 63. Which of the following is true about naturalistic observation?
 - A. Bias in the recording of data is unlikely to occur.
 - B. It is important for the researcher to be unobtrusive.
 - C. It is an excellent method for determining cause-and-effect relationships.
 - D. Bias in the interpretation of data is unlikely to occur

64.	4. A researcher wants to see whether a protein-enriched diet will enhance t maze-running performance of rats. One group of rats are fed the high-protein d for the duration of the study; the other group continues to receive ordinary chow. In this experiment, the diet fed to the two groups of rats is the variable.						
	A.	Correlated	B.	Dependent			
	C.	Control	D.	Independent			
65.	For	which of the following is Wilhelm V	Vundt	t primarily known?			
	A.	The establishment of the first form	nal la	boratory for research in psychology			
	B.	B. Establishing that the mind and body cannot be distinguished and that they are the same entities					
	C.	The discovery of how signals are	cond	ucted along nerves in the body			
	D.	The development of the first forma	al pro	ogram for training in psychotherapy			
66.	Whi	ch of the following would a behavio	orist c	consider an expression of anger?			
	A.	An adult plotting to have a co-wor	ker d	lemoted or fired			
	B. An adult slamming the door upon leaving a room						
	C.	C. A child daydreaming about fighting a bully at school					
	D.	A child having recurrent dreams a	about	running away from home			
67.		etrical stimulation of which of the fo	ollowi r agg	ng parts of the nervous system in rats ressive behaviour?			
	A.	Medulla	B.	Mamillary bodies			
	C.	Hippocampus	D.	Hypothalamus			
68.	Whi	ch of the following describes the vity as it is received from a single n	corre erve	ect sequence of passage of electrical cell?			
	A.	Axon-Dendron-Soma-Vesicle	B.	Soma–Cell body–Axon–Dendrite			
	C.	Dendrite-Soma-Axon-Vesicle	D.	Dendrite-Cell body-Vesicle-Axon			
69.	69. When we are reading, the distance of each letter from those around it affer which word we see. For example: SCARCITY means something different from SCAR CITY. PROSECUTE is different from PROSE CUTE. Which Gesprinciple are we using to decide which letters to consider part of full words?						
	A.	Similarity	B.	Proximity			
	C.	Closure	D.	Continuity			

70.	70. Smells can often bring up emotional memories because the neural pathwas smell go through the			ries because the neural pathways for		
	A.	The reticular formation	B.	Olfactory bulb		
	C.	The temporal lobe	D.	The limbic system		
71.		artist doing a pencil drawing could his drawing?	use	which of the following to add depth to		
	A.	Retinal disparity	B.	Linear perspective		
	C.	Closure	D.	Kinesthesis		
72.	Wha	at is the major difference between o	classi	ical and operant conditioning?		
	A.	Operant conditioning was establis	hed v	well before Classical conditioning		
	B.	·				
	C.	C. Classical conditioning involves pairing stimuli, and operant conditioning involves pairing a response with a stimulus				
	D.	Classical conditioning is more diff Conditioning	icult 1	to use but more effective than operant		
73.	purp	oose in mind is able to locate a shots to buy new shoes. The student's	oe st	a mall several times with no particular ore in the mall very quickly when she pability is an example of		
	A.	insight	B.	latent		
	C.	associative	D.	observational		
74.	teeth quite othe hear	n removed. Although Xylocain (a p e painful and provoked a great d er stations were having cavities f	ain k eal o illed e an	the oral surgeon as a boy and had 10 iller) was used, the extraction was still fear. At the same time, patients at and the sound of the drill could be xious when he hears the sound of a		
	A.	The sound of the drill	B.	The oral surgeon		
	C.	The feeling of anxiety	D.	Xylocain		
75.	The	'aha' experience occurs in-		-and it was put forward by		
	A.	Insight learning; Albert Bandura				
	B.	Latent learning; Alfred Kohler				
	C.	Observational learning; Albert ba	ndura	a		
	D.	Insight learning; Alfred Kohler				

- 76. Chunking is a method of:
 - A. Increasing the perceptual capacity of the brain
 - B. Increasing the storage capacity in STM
 - C. Increasing the storage capacity in the LTM
 - D. Increasing the Storage Capacity of Procedural memory of a person
- 77. According to the serial Position effect, when recalling a list of words you should have the greatest difficulty with those:
 - A. at the beginning of the list
 - B. in the middle of the list
 - C. at the end and in the middle of the list
 - D. at the end of the list
- 78. Alzheimer's illness is caused due to an increase in which of the neurotransmitters?
 - A. Dopamine

B. Serotonin

C. GABA

- D. Acetyl Choline
- 79. Babies who can crawl will stop at the edge of the 'visual cliff' apparatus. What does this suggest?
 - A. They cannot see the virtual edge of the cliff
 - B. They have poor depth perception
 - C. They perceive textural depth cues
 - D. They become fearful and cannot perceive textural depth cues
- 80. Theoretically, The correct order of the stages of dying are:
 - A. Depression Anger Bargaining Denial Acceptance
 - B. Denial Depression Bargaining Acceptance Anger
 - C. Denial Acceptance Bargaining Depression Anger
 - D. Denial Anger Bargaining Depression Acceptance

81.	81. Radha, a preschooler, insists on dressing herself each morning for nursery, even though she generally selects mismatching outfits, misse and wears her shoes on the wrong feet. When her mother tries to dress fix her outfit, she brushes her mother off and insists on doing it hers conflict of psychosocial development best describes Radha's behavior?					
	A.	Trust vs. Mistrust	B.	Autonomy vs. Shame and Doubt		
	C.	Initiative vs. Guilt	D.	Industry vs. Inferiority		
82.	Shyam was born in 1937. In 1947, he scored 130 on an intelligence test. What was Shyam's mental age when he took the test?					
	A.	9	B.	11		
	C.	10	D.	13		
83.	Mill has been stranded at the airport for more than 12 hours. She is very sleepy but doesn't have a pillow. Her inability to see that her suitcase can be used as a pillow demonstrates the concept of					
	A.	Confirmation bias	B.	Bottom-up processing		
	C.	Divergent thinking	D.	Functional fixedness		
84.	If you are more likely to consider baseball as a sport than race car driving, ther your for the concept of "sport" is more closely aligned with baseball than with race car driving.					
	Α.	Algorithm	В.	Heuristic		
	C.	Prototype	D.	Mental set		
85.	The Cognitive Dissonance theory of Attitude formation was put forward by					
		Kelly		•		
	C.	Fritz Heider	D.	Doob		
86.	The method used to test the likelihood of people buying a new product is					
	A.	Self-report method	B.	Experimental method		
	C.	Case study method	D.	Public opinion polling		
87.	According to the DSM-V multiaxial assessment format, Axis II captures:					
	A.	General Medical Conditions	B.	Personality Disorders		
	C.	Clinical Disorders	D.	Psychosocial Problems		

88.	Jack claims that he often has dreams that predict future events. He claims to have a type of ESP called:						
	A.	Telepathy	B.	Precognition			
	C.	Clairvoyance	D.	Psychokinesis			
89.	Most of the hallucinations of schizophrenia patients involve the sense of						
	A.	Smell	B.	Hearing			
	C.	Vision	D.	Touch			
90.	Boby has never been able to keep a job. He's been in and out of jail for charges such as theft, sexual assault, and spousal abuse. Boby would most likely be diagnosed as having						
	A.	A dissociative identity disorder	B.	Major depressive disorder			
	C.	An antisocial personality	D.	Sexual Dysfunction			
91.	The technique in which desired behaviors are rewarded with points or poker chips that can later be exchanged for various rewards is called						
	A.	Counter conditioning	B.	Systematic desensitization			
	C.	Token economy	D.	Exposure therapy			
92.	According to cognitive dissonance theory, dissonance is most likely to occur when						
	A.	A. A person's behavior is not based on strongly held attitudes					
	B.	•					
	C.						
	D.	 An individual is coerced into doing something that he or she does not wan to do 					
93.	Needs for personal growth, and self-fulfillment fall under ————————————————————————————————————						
	A.	Esteem needs	B.	Aesthetic needs			
	C.	Need for Self-actualization	D.	Cognitive needs			
94.	The term used in psychology to denote those People who express their power motivation by manipulating and exploiting others in a deceptive and unscrupulous fashion is						
	A.	Oedipus complex	B.	Cleopatra complex			
	C.	Electra complex	D.	Machiavellinism			

95.		The method of research which observes the same individuals at different points in time is called					
	A.	Longitudinal method	B.	Cross sectional method			
	C.	Lifelong method	D.	Life span method			
96.		———— is a non-parametric test					
	A.	ANOVA	B.	Chi-square			
	C.	t-test	D.	Correlation			
97.	The Harlows' studies of attachment in monkeys showed that:						
	A.	Provision of nourishment was the single most important factor motivating attachment					
	B.	A cloth mother produced the greatest attachment response					
	C.	Whether a cloth or wire mother was present mattered less than the presence or absence of other infants					
	D.	Attachment in monkeys is based	on in	nprinting			
98.	Which of the following is NOT a factor influencing individual behavior in organizations?						
	A.	Personality	B.	Perception			
	C.	Competition	D.	Attitudes			
99.	Whi	Which leadership style involves making decisions without consulting others?					
	A.	Democratic leadership	B.	Autocratic leadership			
	C.	Transformational leadership	D.	Laissez-faire leadership			
100.	. In th	ne context of decision-making, wha	at is b	ounded rationality?			
	A.	Making decisions based on limited information and cognitive capabilities					
	B.	Making decisions based on perfect information and rational analysis					
	C.	Making decisions without considering the consequences					
	D.	. Making decisions based solely on intuition					
				_			

ANSWER SHEET

1	A B C	D E	26 A B C D E	51 A B C D E	76 A B C D E
2	A B C	D E	27 A B C D E	52 A B C D E	77 A B C D E
3	A B C	D E	28 A B C D E	53 A B C D E	78 A B C D E
4	A B C	D E	29 A B C D E	54 A B C D E	79 A B C D E
5	A B C	D E	30 A B C D E	55 A B C D E	80 A B C D E
6	A B C	D E	31 A B C D E	56 A B C D E	81 A B C D E
7	A B C	D E	32 A B C D E	57 A B C D E	82 A B C D E
8	A B C	D E	33 A B C D E	58 A B C D E	83 A B C D E
9	A B C	D E	34 A B C D E	59 A B C D E	84 A B C D E
10	A B C	D E	35 A B C D E	60 A B C D E	85 A B C D E
11	A B C	D E	36 A B C D E	61 A B C D E	86 A B C D E
12	A B C	D E	37 A B C D E	62 A B C D E	87 A B C D E
13	A B C	D E	38 A B C D E	63 A B C D E	88 A B C D E
14	A B C	D E	39 A B C D E	64 A B C D E	89 A B C D E
15	A B C	D E	40 A B C D E	65 A B C D E	90 A B C D E
16	A B C	D E	41 A B C D E	66 A B C D E	91 A B C D E
17	A B C	D E	42 A B C D E	67 A B C D E	92 A B C D E
18	A B C	D E	43 A B C D E	68 A B C D E	93 A B C D E
19	A B C	D E	44 A B C D E	69 A B C D E	94 A B C D E
20	A B C	DE	45 A B C D E	70 A B C D E	95 A B C D E
21	A B C	DE	46 A B C D E	71 A B C D E	96 A B C D E
22	A B C	DE	47 A B C D E	72 A B C D E	97 A B C D E
23	A B C	DE	48 A B C D E	73 A B C D E	98 A B C D E
24	A B C	DE	49 A B C D E	74 A B C D E	99 A B C D E
25	A B C	D E	50 A B C D E	75 A B C D E	100 A B C D E

ROUGH WORK

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