

If WAT is 88, Z is 52. Then what is TEA equal to?

b) 52

d)

In a certain code BOOK is TLLC and TRICK is

b)

TAGLC

NAGDC, then BRICK is coded as-

a)

c)

c)

Brother

48

60

NAGDC

MH B. Ed MT 02

Daughter

d) Niece

12. Pointing to Mala, Kala said, "She is my brother's only sister's daughter". How is Mala related to

13. Vijay says "Anand's mother is the only daughter

right and covers another 12 nautical miles. If she wants to go back to the jetty, what is the shortest

distance now from her present position?

No of Questions:100 Time: (1.5 Hrs) Full Marks: 100

PART - I (MENTAL ABILITY)

Kala?

Mother

Aunt

a)

c)

	c) TALCD	d)	TAGDC		of r	ny mother". How is	s Ana	nd related to Vijay?
3.	If MADRAS is coded a	as 51	L7916 and TENANT is		a)	Brother	b)	Father
	coded as 432124, h	now	would you encode		c)	Nephew	d)	Grandfather
	RMATSN?				Dire	ection (14-16) Find	the c	odd one out.
	a) 851353	b)	951363	14.	a)	bottle : wine	b)	cup : tea
	c) 951462	d)	941562		c)	pitcher : water	d)	ball : bat
4.	If DELHI is coded as			15.	,	atom : electron	•	
	82589662, how can CA			15.	•		b)	train : engine
	a) 5279431	•	5978213		c)	house : room	d)	curd : milk
	c) 8251896	d)	8543691	16.	a)	(13, 40)	b)	(14, 42)
5.	If LOVE is coded as 27	the	n how is COME coded		c)	(15, 46)	d)	(16, 49)
	as:			17.	Wh	ich alphabet is at t	he or	posite of alphabet E?
	a) 38	b)	18				,	.,
	c) 28	d)	8			\wedge	/	\ \
	DIRECTIONS (6-10): In				($\langle A \rangle \langle A \rangle$	\ A	$A \rightarrow \langle C \rangle$
	choose the MISSING	ter	m out of the given			B C D B		$D \mid F \mid A \mid$
	alternatives.				\	$B \setminus C \setminus D \setminus B$	E,	$\begin{bmatrix} D \end{bmatrix} \begin{bmatrix} E \end{bmatrix} A$
6.	WYV, ?, IKH, BDA					\vee	\	V = V
	a) OPR	b)	ROP		a)	С	b)	В
	c) PRO	d)	OQN		c)	D	d)	
7.	a, c, f, j, ?, ?					_	,	A
	a) ou	b)	mo	18.	Wh	ich symbol is at the	e opp	osite of symbol +?
	c) lp	d)	rv			\wedge	/	\ \
8.	AZ, CX, FU,	(ETIINU (///			Ω
	a) IR	b)	IV				\\\^{2}	
_	c) JQ	d)	KP		[.	+ Y - \ \ \ \ \ \ \	(\$)	\times \ \(\\$\Tag{\Delta}\)
9.	0.5, 0.55, 0.65, 0.8,?					\bigvee		
	a) 0.9	b)	0.82					
	c) 1	d)	0.95		a)	Δ	b)	\$
10.	16, 33, 67, 135,?				c)	×	d)	+
	a) 251	b)	259	19.	Αp	erson walks toward	ds his	house at 8:00 am and
	c) 271	d)	289		-			his right. In which
11.	B is the father of Q. B has only two children. Q is the brother of R. R is the daughter of P. A is the					ection he is walking		
			_		a)	north	b)	south
	granddaughter of P. Si	is the	e father of A. How is S		c)	east	d)	west
	related to Q?	ل ـ ۱	Can in law	20.	,		,	y towards east. After
	a) Son	,	Son-in-law				-	s, she turns towards

Brother-in-law

- a) 21 nautical miles b) 20 nautical miles
- c) 18 nautical miles d) 15 nautical miles DIRECTIONS(21-23): In each question below,

there are three statements followed by two conclusions numbered I and II. You if they seem to be at variance from commonly known facts and then decide which of the given conclusion logically follow from the three statements disregarding commonly known facts. Give answer

21. Statements: Some public are followers. Some followers are famous.

Conclusions:

- Some followers are famous.
- II. Some followers are public.
- if only conclusion I follow. Give answer a)
- b) if only conclusion II follows. Give answer
- if either I or II follows. Give answer c)
- if both I and II follows.
- 22. Statements: All graduates are chairs. All chairs are tables.

Conclusions:

- All graduates are tables. I.
- All tables are graduates. II.
- a) if only conclusion I follow. Give answer
- b) if only conclusion II follows. Give answer
- if either I or II follows. Give answer c)
- d) if neither I nor II. Give answer
- 23. Statements: Every minister is a student. Every student is inexperienced.

Conclusions:

- Every minister is Inexperienced. I.
- Some inexperienced are students.
- if only conclusion I follow. Give answer
- b) if only conclusion II follows. Give answer
- if either I or II follows. Give answer c)
- d) if both I and II follows.
- 24. It 'x'means '+', '+' means '÷', '÷'means '-' ,and '-' means 'x', then what will be the value of the following expression?

$$5 - 7 \times 9 + 3 \div 2$$

- a) 36
- b) 315
- c) 48
- d) 44
- 25. If '-' means addition 'x' means subtraction '÷' means multiplication and '+' means division; then what will be the value of the following expression?

$$20 \times 12 + 4 - 16 \div 5 = ?$$

- 17 a)
- b) 80
- 63 c)
- d) 97

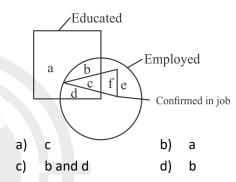
Direction-(26-27) find the similar relation

- 26. House: Door:: Compound:?
 - a) Gate
- b) **Fence**
- Foundation
- d) Wall

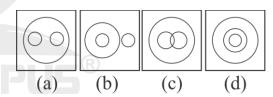
- 27. 6:18::4:?
 - 2 a)
- b) 6
- c)
- d) 16

Direction (28-29): Form the given option which word can't be formed?

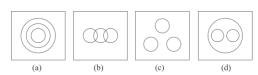
- 28. CHEMOTHERAPY
 - **MOTHER** a)
- b) THERAPY
- **PANTHER** c)
- d) **REMOTE**
- 29. EXAMINATION
 - **EMAMINE** a١
- **NATION** b)
- c) NOTE
- d) **TONE**
- 30. Study The figure and find the region representing persons who are educated and employed but not confirmed.



31. Which of the following diagrams represents the correct relationship between **Book, Novels and Dictionaries?**



32. Which of the following diagrams represents the correct relationship between Advocate, Engineer, Doctor?



- 33. Pradeep correctly remembers that he visited Chennai before 12th of July but after 18th July. His friend correctly remembers that Pradeep visited Chennai after 10th of July but before 14th of July. On which day of July did Pradeep visit Chennai?
 - 11th a)
- 12th b)
- 10th
- d) Either 10th or 11th
- 34. How many times do the hands of a clock coincide in a day?

- a) 24
- b) 12
- c) 20
- d) 22
- 35. Find the number of triangles in the given figure.



- a) 5
- b) 9
- c) 12
- d) 10
- 36. Find the minimum number of straight lines required to make the given figure.



- a) 9
- b) 11
- c) 15
- d) 16
- 37. Mohan is 13 from the left end in a row of children. Prabir is 12th from the right end and 18th from the left end. How many children are towards the right of Mohan in that row?
 - a) 12
- b) 18

- c) 17
- d) None of these

DIRECTIONS: (Q. No. 38-40) Study the following information carefully and answer the questions given below:-

- **I.** P, Q, R, S, T, U, and V are sitting along a circle facing the center.
- II. P is between V and S.
- III. R who is 2nd to the right of S is between Q and U.
- IV. Q is not the neighbor Of T.

38. Which of the following is correct statement?

- a) V is between P and S
- b) S is 2nd to the left of V
- c) R is third to the left of P
- d) P is to the immediate left of S
- 39. What is the position of T?
 - a) Between R and V
 - b) To the immediate left of V
 - c) 2nd to the left of R
 - d) 3rd to the left of P

40. Who is between R and U?

- a) Cannot be determined
- b) S
- c) V
- d) None of these

PART - II (GENERAL KNOWLEDGE)

- 41. A book on Indian economy "Overdraft: Saving the Indian Saver" was written by
 - a) Ruskin Bond
- b) Urjit Patel
- c) Chetan Bhagat
- d) Dalai Lama
- 42. Narendra Modi has been awarded the "State Order of Ghazi Amir Amanullah Khan" the highest civilian honour of----
 - a) Afghanistan
- b) Pakistan
- c) Iran
- d) Iraq
- 43. A famous book "One Arranged Murder" is written by-----
 - a) Harvey J. Alter
 - b) Charles M. Rice
 - c) Michael Houghton
 - d) Chetan Bhagat
- 44. Refrigerator was discovered in 1748 by----
 - a) William Cullen
- b) Charles M. Rice
- c) Charles M. Rice
- d) None of these
- 45. Who awarded Dadasaheb Phalke Award of Best Actor (Male) in 2021 for film Laxmi?
 - a) Deepika Padukone
 - b) Akshay Kumar
 - c) Kiara Advani
 - d) Sushant Singh Rajput

- 46. Padma Bhushan Award 2021 goes to----- for Trade and Industry of Maharashtra.
 - a) Shinzo Abe
 - b) Rajnikant Devidas Shroff
 - c) Namdeo C. Kamble
 - d) None of these
- 47. Xerox Machine was discovered by----
 - a) Chester Carlson
 - b) Wilhelm Conrad Roentgen
 - c) Richard Gatling
 - d) Georges Claude
- 48. Which of the following are NOT correctly matched?

Α	4th Jan.	World Braille Day				
В	6th Jan.	World War Orphans Day				
C 8th Jan.		A. N. C. Foundation Day				
D	9th Jan	National voters day				

- 49. What is the temperature at which both the Fahrenheit and the centigrade scales have the same value?
 - a) 540
- b) -40°
- a) 640
- b) -44°
- 50. Who was the founder of Gupta dynasty?
 - a) Sree Gupta
- b) Chandragupta I

- c) Samudragupta d) None of the above In which session first time Indian Congress was
- 51. In which session first time Indian Congress was split?
 - a) Nagpur
 - b) Bombay
 - c) Surat
 - d) None of the above
- 52. Arrange in order of different layers of atmosphere from Lower to upper.
 - a) Stratosphere, Troposphere, Ionosphere, Mesosphere, Exosphere
 - b) Troposphere, Stratosphere, Mesosphere, Ionosphere, Exosphere
 - c) Ionosphere, Troposphere, Stratosphere,
 Mesosphere, Exosphere
 - d) Mesosphere, Ionosphere, Exosphere, Troposphere, Stratosphere
- 53. Narrow Strip of land which separates two large water bodies is called.
 - a) Lake
- b) Straight
- c) Isthmus
- d) None of the above
- 54. The Western Ghat of India is also called.
 - a) Shahyadri
- b) Himadri
- c) Indrani
- d) None of the above
- 55. The highest point of Southern India is--
 - a) Mahendragiri
- b) Garo
- c) Anaimudi
- d) Dodabeta
- 56. Penicillin was discovered in 1928 by Sir Alexander Fleming. He was a -----researcher.
 - a) French
- b) English
- c) Scottish
- d) None of the above
- 57. How many Articles are there in the Indian Constitution?
 - a) 395
- b) 396
- c) 398
- d) 399
- 58. Although Union List, State List and Concurrent List cover entire legislative business, yet there may be an item not mentioned anywhere. Who will legislate on that item?
 - a) Parliament only
 - b) State Legislature only
 - c) Both 'a' and 'b'
 - d) Neither 'a' nor 'b'
- 59. Veteran Congress leader and former President ----passed away on August 31 at the age of 84, died due to post Covid complications.
 - a) Pranab Mukherjee
 - b) Rani Mukherjee
 - c) Narsimha Raw
 - d) None of these
- 60. The principle used in working of an atom bomb is-----

- a) Nuclear Fission
- b) Nuclear Fussion
- c) Thermal Power
- d) All of these
- 61. Lord Buddha was born in Lumbinivan Nepal on--

----.

- a) 563 A.D.
- b) 463 B.C.
- c) 593 B.C.
- d) 563 B.C.
- 62. Lead coins introduced by----
 - a) Satvahana
- b) Chola
- c) Chera
- d) Pandya
- 63. In 1687 the first Municipal Corporation in India was set up in--
 - a) Nagpur
- b) Bombay
- c) Madras
- d) Delhi
- 64. Who was the last British Governor General of India?
 - a) S. N. Sinha
 - b) Sarvapalli Radha Krishnan
 - c) Mount-Batten
 - d) Erwin
- 65. Which of the following are NOT correctly matched?

Α	Government of India Act, 1919	Diarchy
В	Government of India Act, 1935	Provincial-autonomy
Ç	Minto-Morley Reforms	Separate electorate
D	Mountbatten Plan	Constituent Assembly

- 66. The executive power of the State are vested in the Governor under Article of the Constitution.
 - a) 14
- b) 154(1)
- c) 155
- d) 356
- 67. Battle of Leipzig in which Russia, Prussia, Austria and Sweden were fought against France, also called--
 - a) Battle of the Nations
 - b) War of Nations
 - c) Both A and B
 - d) None of the above
- 68. Khizra Khan was founder of----- dynasty.
 - a) Lodhi Dynasty
 - b) Sayyid Dynasty
 - c) Mughal Dynasty
 - d) Tughalaq Dynasty
- 69. Formalised system of trading agreements with groups of countries is known as
 - a) Trading blocks
 - b) Trade ventures
 - c) Trade partners
 - d) Trade organisations

70.	Depression	formed	due	to	deflating	action	of
	winds are called						

- a) Playas
- b) Yardang
- c) Ventifacts
- d) Sand dunes

PART – III (TEACHER APTITUDE)

- 71. Verbal guidance is least effective in teaching because of-
 - a) Attitude
- b) Concept and facts
- c) Relationship
- d) Skills
- 72. Quality of education in a school or college can be measured through--
 - a) Infrastructural facilities available
 - b) Manpower, teachers and principal available
 - c) Students achievement
 - d) All of these
- 73. Teachers should study educational philosophy because of--
 - a) They do not know it
 - b) They do not have their own philosophy
 - c) Philosophy is the backbone of all disciplines
 - They may improve their work by clarifying their own philosophy
- 74. An effective teacher adopts the norms of
 - a) Democratic society
 - b) Leizes faire society
 - c) Autocratic society
 - d) All of the above but according to the situation
- 75. The best educational programme is one which is according to the
 - a) Need of the child b) Ability of the child
 - c) Interest of child
- d) All of the above
- 76. What is central to administration Organization
 - a) Organisation
- b) Communication
- c) Decision making d)
- d) Institution
- 77. What is an Informal education?
 - a) Preplanned
- b) Just schooling
- c) Life long
- d) Tine bound
- 78. Responses that produce a discomforting effect become ______ to occur again in that situation.
 - a) Not likely
- b) Equally likely
- c) Less likely
- d) More likely
- 79. Who is called the father of "Theory of Multiple Intelligence"?
 - a) Gardner
- b) Vygotsky
- c) Bruner
- d) Jean Piaget
- 80. Which one of the following may not be the best reason for cheating in the class-room examination?
 - a) Too lazy to study

- b) Parental pressure for good marks
- c) Fear of failure
- d) Self-prestige
- 81. In this age of academic excellence demand, inclusion of games and sports in schools is
 - a) A wastage of time
 - b) Taking away a lot of time from academic work
 - c) Giving time for leisure or relaxation
 - d) Necessary for the co-ordinated development of the individual
- 82. Which one of the following pairs is odd (or not properly associated)?
 - a) Froebel Play-way
 - b) Maria Montessori Divergent thinking
 - c) Keller Co-operative learning
 - d) Gandhiji Soiled hands
- 83. While teaching the concept of a 'circle', which one of the following would be the best way to do it?
 - a) Present a picture of a circle
 - b) Present pictures of circles of various sizes
 - c) Present pictures of circles and ellipses
 - d) Present pictures of circles and polygons
- 84. Teaching would be more effective if the teacher
 - a) Makes his intent purposeful
 - b) Is master of the subject
 - c) Uses various instructional aids
 - d) Declares his objectives in the beginning
- 85. In a democratic country like India, schools should concentrate on
 - a) Development of traits to face hurdles of daily life
 - b) Inculcation of values cherished by the community
 - c) Preparation for academic excellence
 - d) Development of traits of good citizenship
- 86. Education Commission in independent India which focused on Secondary Education was chaired by
 - a) Dr. D. S. Kothari
 - b) A. Lakshmiswami Mudaliar
 - c) Dr. S. Radhakrishnan
 - d) Triguna Sen

- 87. Education Commission in pre-independence India which comprehensively covered all aspects of education is known as
 - a) Saddler Commission
 - b) Hunter Commission
 - c) Sargent Plan
 - d) Abbot-Wood Report
- 88. Tarachand Committee provided recommendations on
 - a) Student's Unrest
 - b) Religious and Moral Education
 - c) Vocationalisation of Education
 - d) Secondary Education
- 89. State expenditure of 6 percent of G. D. P. was recommended by
 - a) Kothari Commission (1966)
 - b) National Education Policy (1968)
 - c) National Policy on Education (1986)
 - d) Review Committee on NPE (1986)
- 90. The latest National Curriculum Framework by NCERT will come into existence in
 - a) 2023
- b) 2004
- c) 2005
- d) 2006
- 91. "Development is a never ending process." This idea is associated with
 - a) Principle of integration
 - b) Principle of interaction
 - c) Principle of interrelation
 - d) Principle of continuity
- 92. Which of the following is not a sign of an intelligent young child?
 - a) One who carries on thinking in an abstract manner?
 - b) One who can adjust oneself in a new environment?
 - c) One who has the ability to cram long essays very quickly?
 - d) One who has the ability to communicate fluently and appropriately?
- 93. Parents should play a _____ role in the learning process of young children.
 - a) Sympathetic
- b) Neutral
- c) Negative
- d) Proactive
- 94. The stage in which a child begins to think logically about objects and events is known as
 - a) Pre-operational stage
 - b) Concrete operational stage
 - c) Sensori-motor stage
 - d) Formal operational stage
- 95. Which of the following will foster creativity among learners?
 - a) Emphasizing achievement goals from the beginning of school life

- b) Coaching students for good marks in examination
- Teaching the students the practical value of good education
- d) Providing opportunities to question and to nurture the innate talents of every learner
- 96. Effective teaching means
 - a) Love, cooperation, sympathy, affection and encouragement given to students
 - b) Corporal punishment given to students at the time of moral offences
 - c) Individualized instruction and open classroom discussion
 - d) Both a) and c)
- 97. Teachers' professionalism may be assessed in terms of all of the following commitments except
 - a) Commitment to the profession and students
 - b) Commitment to the colleagues and employer
 - c) Commitment to the religion and castes
 - d) Commitment to the parents and community
- 98. If you come across to teach a blind student along with the normal students what type of behaviour you are expected to exhibit?
 - a) Take care of him with sympathy
 - b) Don't give any extra attention because majority of students may, suffer
 - Arrange the seat in the front row and try to keep your teaching pace according to him without making the other students suffer
 - d) None of these
- 99. If a girl student requests you to collect her posts at your address what would you like to do in this case?
 - a) You would not give permission as it is against your own principles
 - You will never give her your own address suspecting a foul game
 - c) You will permit the girl to collect the posts at your address because as a teacher you should do it
 - d) You will permit her because you have some attachment with her
- 100. If you are irritated and show rashness because of the inadequate behaviours shown by others what do you think about your own behaviour
 - a) it is justified because behaviours are echo lime
 - b) your behaviour is not good because elders have the right to behave you in this way
 - c) your behaviour is also the sign of maladjustment and so try to control yourself when you are maltreated
 - d) none of these

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

