



राष्ट्रीय प्रौद्योगिकी संस्थान मिजोरम
NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM
(An Institute of National Importance under Ministry of Education, Govt. of India)
CHALTLANG, AIZAWL, MIZORAM - 796012

COMPETITIVE WRITTEN EXAMINATION FOR THE POST OF

LIBRARY & INFORMATION ASSISTANT

QUESTION & ANSWER BOOK

PAPER-I

PART-A: GENERAL APTITUDE & REASONING (30 MARKS)

PART-B: GENERAL KNOWLEDGE (30 MARKS)

PART-C: GENERAL ENGLISH (40 MARKS)

Roll No. of the Candidate: _____

Checked by:

Invigilator's signature with date:

1. _____ 2. _____

Name: _____ Name: _____

Centre Superintendent:

Signature with date: _____

Name: _____



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Not to be filled up by Invigilators /Candidates
EVALUATION OF THE QUESTION & ANSWER BOOK

Qn. No	Score of Evaluators (Part-A)			Qn. No	Score of Evaluators (Part-B)			Qn. No	Score of Evaluators (Part-C)		
	1	2	3		1	2	3		1	2	3
1				1				1			
2				2				2			
3				3				3			
4				4				4			
5				5				5			
6				6				6			
7				7				7			
8				8				8			
9				9				9			
10				10				10			
11				11				11			
12				12				12			
13				13				13			
14				14				14			
15				15				15			
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								19			
								20			

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Name & Signature of Evaluators:

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Total Marks: 100 (Part A + B + C)

Duration: 2 Hours

Qualifying Marks: 30

PART-A: GENERAL APTITUDE & REASONING (15 X 2 = 30 MARKS)

Tick the answers in a blue ball pen

Tick the Correct Choice with a blue ball pen. Selecting more than one choice will result in a ZERO mark.

Qn. No. 1	The sum of three prime numbers is 100. If one of them exceeds the other by 36, then one of the numbers is	
	a)	7
	b)	29
	c)	41
	d)	67

Qn. No. 2	When n is divided by 4, the remainder is 3. What is the remainder when $2n$ is divided by 4?	
	a)	1
	b)	2
	c)	3
	d)	6

Qn. No. 3	Which set contains the fractions in ascending order?	
	a)	$11/14, 16/19, 19/21$
	b)	$16/19, 11/14, 19/21$
	c)	$16/19, 19/21, 11/14$
	d)	$19/21, 11/14, 16/19$



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Qn. No. 4	In a family, the father took $\frac{1}{4}$ of the cake, and he had 3 times as much as each of the other members had. The total number of family members is:	
	a)	3
	b)	7
	c)	10
	d)	12

Qn. No. 5	The least number of 4 digits which is a perfect square, is	
	a)	1000
	b)	1016
	c)	1024
	d)	1036

Qn. No. 6	By what least number 675 be multiplied to obtain a number which is a perfect cube?	
	a)	5
	b)	6
	c)	7
	d)	8

Qn. No. 7	Find the average of the first 20 multiples of 6.	
	a)	63
	b)	73
	c)	83
	d)	93



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Qn. No. 8	Of the three numbers, the second is twice the first and is also thrice the third. If the average of the three numbers is 44. Find the largest number.	
	a)	24
	b)	36
	c)	48
	d)	72

Qn. No. 9	A tea solution of 900 ml contains a mixture of milk and water in the ratio 2:1. How much more water is to be added to get a new tea solution containing milk and water in the ratio of 3:2?	
	a)	100 ml
	b)	200 ml
	c)	300 ml
	d)	400 ml

Qn. No. 10	The average of runs of a cricket player over 10 innings was 32. How many runs must he make in his next innings so as to increase his average by 4 runs?	
	a)	38
	b)	76
	c)	40
	d)	80



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Qn. No. 11	Rohit was 4 times as old as his son 8 years ago. After 8 years, Rohit will be twice as old as his son. What is Rohit's present age?	
	a)	36 years
	b)	40 years
	c)	44 years
	d)	48 years

Qn. No. 12	Value of $(0.0016)^{\frac{3}{4}}$	
	a)	1/160
	b)	1/125
	c)	1/40
	d)	1/25

Qn. No. 13	The boys and girls in a college are in the ratio 3:2. If 20 % of the boys and 25 % of the girls are adults, the percentage of students who are not adults is:	
	a)	58 %
	b)	67.5 %
	c)	78 %
	d)	82.5 %



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Qn. No. 14	Karthick pays income tax at a rate of 10%. If his income increased by 10% and his tax rate increased to 15 %, his net income would have increased by Rs 350. What is Karthick's income?	
	a)	Rs.8000
	b)	Rs. 10000
	c)	Rs. 12000
	d)	Rs. 14000

Qn. No. 15	If ANGEL is coded as PTILG, PLACE is coded as MIGSP, and CRAMP is coded as GVMKS, then what is the code for the letter A?	
	a)	G
	b)	P
	c)	M
	d)	I



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PART-B: GENERAL KNOWLEDGE (15 X 2 = 30 MARKS)

Tick the Correct Choice with a blue ball pen. Selecting more than one choice will result in a ZERO mark.

Qn. No. 1	A pedestrian is crossing the street while looking at their phone and doesn't notice a turning vehicle. Which skill is lacking?	
	a)	Creativity
	b)	Environmental awareness
	c)	Communication
	d)	Physical strength

Qn. No. 2	A security guard observes someone repeatedly walking back and forth near a restricted area. What is the best action?	
	a)	Ignore the person
	b)	Monitor the behavior and assess the situation
	c)	Leave the post
	d)	Immediately accuse them

Qn. No. 3	Which historic milestone did NASA's Artemis II mission achieve in April 2026?	
	a)	The first crewed landing on the Martian surface.
	b)	The deployment of a nuclear-powered telescope on the lunar far side.
	c)	The permanent establishment of the Gateway lunar station.
	d)	The first crewed mission to fly by the Moon since 1972.



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Qn. No. 4	In April 2026, the Ministry of Road Transport and Highways proposed rules to allow higher blends of which fuel to promote green energy?	
	a)	Ethanol (E85 and E100).
	b)	Hydrogen (H100).
	c)	Compressed Biogas (CBG).
	d)	Methanol (M15).

Qn. No. 5	Why do we see lightning before hearing thunder?	
	a)	Light travels slower than sound.
	b)	Our eyes are more sensitive than our ears.
	c)	Light travels faster than sound.
	d)	Thunder is produced after lightning.

Qn. No. 6	Why does a person lean forward while carrying a heavy backpack?	
	a)	To decrease friction with the ground.
	b)	To keep the body's center of gravity balanced.
	c)	To walk faster with less effort.
	d)	To make the backpack feel lighter.

Qn. No. 7	Why is it easier to swim in pond water than in river water?	
	a)	Rivers are always deeper than ponds.
	b)	Pond water has higher density.
	c)	River water flows, making it harder to stay afloat.
	d)	Pond water is always warmer.



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Qn. No. 8	What type of energy is stored in food?	
	a)	Kinetic energy.
	b)	Electrical energy.
	c)	Chemical energy.
	d)	Nuclear energy.

Qn. No. 9	Which vitamin is produced in the human body when exposed to sunlight?	
	a)	Vitamin A.
	b)	Vitamin D.
	c)	Vitamin C.
	d)	Vitamin B.

Qn. No. 10	What is the primary cause of global warming?	
	a)	Ozone layer depletion.
	b)	Earth's rotation.
	c)	Ocean currents.
	d)	Greenhouse gas emissions.



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Qn. No. 11	The official state tree of Assam is:	
	a)	Sandalwood
	b)	Nahar
	c)	Hollong
	d)	Bamboo

Qn. No. 12	Cheraw Dance is famous for the use of:	
	a)	Drums
	b)	Swords
	c)	Bamboo sticks
	d)	Fire torches

Qn. No. 13	The first football club from Northeast India to play in the I-League was:	
	a)	Mohun Bagan
	b)	Shillong Lajong FC
	c)	East Bengal
	d)	Bengaluru FC

Qn. No. 14	One of the oldest tea research stations in the world, the Tocklai Tea Research Institute, is situated in:	
	a)	Guwahati
	b)	Jorhat
	c)	Imphal
	d)	Agartala



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Qn. No. 15	Wangala is a traditional festival celebrated by the:	
	a)	Bodo people
	b)	Garo people
	c)	Naga people
	d)	Khasi people



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PART-C: GENERAL ENGLISH (20 X 2 = 40 MARKS)

Tick the Correct Choice with a blue ball pen. Selecting more than one choice will result in a ZERO mark.

Qn. No. 1	Identify the error in the given sentence: India's (a)/ economy is based (b)/ main on (c)/ agriculture (d).	
	a)	
	b)	
	c)	
	d)	

Qn. No. 2	Identify the error in the given sentence: Much fossils (a)/ are found (b)/ in coal bearing (c)/ rocks (d)	
	a)	
	b)	
	c)	
	d)	

Qn. No. 3	Fill the blank in the given sentence with a suitable preposition: "Once stripped ----- its ornamental trappings, language is merely a communication tool."	
	a)	by
	b)	on
	c)	of
	d)	with



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Qn. No. 4	Fill the blank in the given sentence with a suitable preposition: "Signs and symbols are found all ----- the world"	
	a)	in
	b)	over
	c)	below
	d)	inside

Qn. No. 5	Give one word substitution for the given phrase. "A person who studies the formation of the earth"	
	a)	meteorologist
	b)	anthropologist
	c)	geologist
	d)	seismologist

Qn. No. 6	Give one word substitution for the given phrase: "A person interested in reading books"	
	a)	book-keeper
	b)	scholar
	c)	student
	d)	bookworm

Qn. No. 7	Identify the word with the correct spelling:	
	a)	occasion
	b)	commision
	c)	accomodate
	d)	forefeit



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Qn. No. 8	Identify the word with the correct spelling:	
	a)	mathemetics
	b)	consealment
	c)	challenge
	d)	erronneous

Qn. No. 9	Give the synonym of the given word: "amicable"	
	a)	poisonous
	b)	friendly
	c)	satisfying
	d)	emulating

Qn. No. 10	Give the synonym of the given word: "exquisite"	
	a)	clumsy
	b)	rough
	c)	graceful
	d)	unrefined



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Qn. No. 11	Give the antonym of the given word: "timid"	
	a)	bold
	b)	tasteless
	c)	fearful
	d)	busy

Qn. No. 12	Give the antonym of the given word: "beguile"	
	a)	deceive
	b)	hoodwink
	c)	cheat
	d)	persuade

Qn. No. 13	Identify the meaning of the given phrasal verb: "put up with"	
	a)	tear
	b)	bear
	c)	lose
	d)	fight

Qn. No. 14	Identify the meaning of the given phrasal verb: "call off"	
	a)	cancel
	b)	convene
	c)	approve
	d)	disturb



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Qn. No. 15	Identify the meaning of the given idiom: "a feather in one's cap"	
	a)	a failure to feel bad about
	b)	an achievement to be proud of
	c)	a memorable event
	d)	an event to be forgotten

Qn. No. 16	Identify the meaning of the given idiom: "apple of discord"	
	a)	an apple hanging from a tree
	b)	a reason to cheer up
	c)	a cause of dispute
	d)	a matter of agreement

Qn. No. 17	Fill the blank in the given sentence with a suitable verb: "The cricket match ----- to be a big draw."	
	a)	proved
	b)	pledged
	c)	placed
	d)	planned

Qn. No. 18	Fill the blank in the given sentence with a suitable verb: "We ----- a tricky problem yesterday."	
	a)	will solve
	b)	solved
	c)	is solving
	d)	have been solved



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Qn. No. 19	Fill in the blank in the given sentence with a suitable article: "I need ---- cup of tea."	
	a)	one
	b)	an
	c)	some
	d)	a

Qn. No. 20	Fill in the blank in the given sentence with a suitable article: "Brutus is ---- honorable man."	
	a)	a
	b)	an
	c)	then
	d)	the