



## NISA - NATIONAL ANALYTICAL APTITUDE TEST 2022

21st Century Skills Test for Students to be Future ready | Initiative by NISA (National Independent Schools Alliance)

## DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

Total Questions: 40 Time: 60 Minutes

## **Instructions for the Candidate**

- (a) You have 40 multiple-choice questions in this Test Paper. Attempt each question and write answers that are most correct according to you. There is only one right answer for each question.
- (b) Manage your time properly. Remember that, on average, you can spend upto 1.5 minute on each question.
- (c) Start the test only when your Teacher / Invigilator gives you the permission to start and on completion of the test, please wait for her / his instruction before returning the OMR Sheet.
- (d) Mark all your answers on the OMR sheet provided
- (e) While marking on the OMR sheet, ensure that you are marking the appropriate option with a dark coloured pencil. The correct method is shown below:

Correct Method			
A		©	D

(f) If you need to change an answer that you have already marked – erase the first marking completely, before marking the new answer. Answers with multiple markings, different markings or incomplete markings will be scored as wrong.

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STUDENT NAME (IN CAPITAL LETTERS)			
SCHOOL NAME (IN CAPITAL LETTERS)			
STUDENT ID (IN CAPITAL LETTERS)		CONTACT	

#### PART - I

#### SECTION 1 - CRITICAL THINKING

**Instructions (Q1-Q4):** The questions will begin with a proposition which is true. Read the proposition and the arguments carefully. Now decide whether the argument is strong or weak & choose the correct option.

**Proposition:** Musk was born and raised in Pretoria. He attended the University of Pretoria before moving to Canada at age 17, acquiring citizenship through his Canadian-born mother. He is the CEO of Tesla, Inc.

1)	<b>Argument:</b> Musk is the founder of the auto A) Strong Argument	omobile brand Tesla. B) Weak Argument	
2)	Argument: Musk was born in South Africa.		
	A) Strong Argument	B) Weak Argument	
3)	Argument: Musk acquired Canadian citizen	ship through his father.	
	A) Strong Argument	B) Weak Argument	
4)	<b>Argument:</b> Musk's mother is of Canadian A) Strong Argument	origin. B) Weak Argument	
	ructions (Q5-Q12): The questions will be the assumptions carefully. Now decide where	egin with a paragraph which is true. Read the paragraph hether the inferences are true or false.	
Free beau Jaw proc	nch opera Lakmé, which itself is the Frenc uty. It was started in 1952 as a 100% subsi aharlal Nehru was concerned that Indian v	and, owned by Hindustan Unilever. It was named after the the word for goddess Lakshmi who is renowned for her idiary of Tata Oil Mills, famously after Prime Minister women were spending precious foreign exchange on beauty ture them in India. The company is the title sponsor for nion week which takes place in Mumbai.	
5)	<b>Inference:</b> Lakme originated in France.		
	A) True	B) False	
<b>6</b> )	Inference: Pt. Jawaharlal Nehru is the fo	under of Lakme.	
	A) True	B) False	
7)	<b>Inference:</b> Lakme is now owned by the T		
	A) True	B) False	
8)	<b>Inference:</b> Lakme was founded by JRD T		
	A) True	B) False	
9)	Inference: Pt. Jawaharlal Nehru was concerned that foreign exchange was being spent on beauty products.		
	A) True	B) False	
10)	<b>Inference:</b> The Lakme Fashion Week tak A) True	es place in the state of Maharashtra.  B) False	
11)	<b>Inference:</b> The Lakme Fashion Week tak A) True	es place once in every two years. B) False	
12)	<b>Inference:</b> The french word for goddess A) True	Lakshmi is Lakme. B) False	

Instructions (Q13-Q20): The questions will begin with a paragraph which is true. Read the paragraph and the conclusions carefully. Now decide whether the conclusions follow or don't follow.

Paragraph: The first-generation iPhone was announced by then-Apple CEO Steve Jobs on January 9, 2007. Since then, Apple has annually released new iPhone models and iOS updates. As of November 1, 2018, more than 2.2 billion iPhones had been sold. As of 2022, the iPhone accounts for 15.6% of global smartphone market share. The iPhone is one of the two largest smartphone platforms in the world alongside Android, and is a large part of the luxury market. The iPhone has generated large profits for Apple, making it one of the world's most valuable publicly traded companies. The first-generation iPhone was described as a "revolution" for the mobile phone industry and subsequent models have also garnered praise. The iPhone has been credited with popularizing the smartphone and slate form factor, and with creating a large market for smartphone apps, or "app economy". As of January 2017, Apple's App Store contained more than 2.2 million applications for the iPhone.

13)	Conclusion: Steve Jobs is the CEO of Apple.		
	A) Conclusion Follows	B) Conclusion Does Not Follow	
14)	14) <b>Conclusion:</b> The first iPhone was launched in first decade of the 21st Century.		
	A) Conclusion Follows	B) Conclusion Does Not Follow	
15)	Conclusion: The iPhone was instrumental in making smartphones popular.		
	A) Conclusion Follows	B) Conclusion Does Not Follow	
16)	<b>Conclusion:</b> Almost one in every 20 phones sold worldwide is an iPhone.		
	A) Conclusion Follows	B) Conclusion Does Not Follow	
17)	Conclusion: Android smartphones are the biggest competitors to iPhones.		
	A) Conclusion Follows	B) Conclusion Does Not Follow	
18)	Conclusion: iPhones are affordable and are marketed as a necessity.		
	A) Conclusion Follows	B) Conclusion Does Not Follow	
19)	Conclusion: iOS is the software on which iPhones run.		
	A) Conclusion Follows	B) Conclusion Does Not Follow	
20)	Conclusion: The App store contains close to 22 lakh applications.		
	A) Conclusion Follows	B) Conclusion Does Not Follow	

#### **SECTION 02 – CREATIVE THINKING**

21)	In a group of 300 people, 20% own one house. Of the remaining, 50% don't own a house. How		
	many people own a house?		
	A) 120	C) 210	
	B) 150	D) 180	
22)	It is given, 1=3, 2=3, 4=4, 5=4, 6=3, 7=5, 8=5, 9=4, 10=3, 11= FITB?		
	A) 6	C) 10	
	B) 3	D) 4	
23)	How many days are there in 8 years?		
	A) 2922	C) 2882	
	B) 2920	D) 2880	
24)	If A is 75 cms taller than half his height, how tall is A?		
	A) 160cm	C) 180cm	
	B) 150cm	D) 175cm	
25)	If B is 54 years old and her mother is 80, how many years ago was her mother three		
	times her age?		
	A) 41	C) 40	
	B) 42	D) 39	

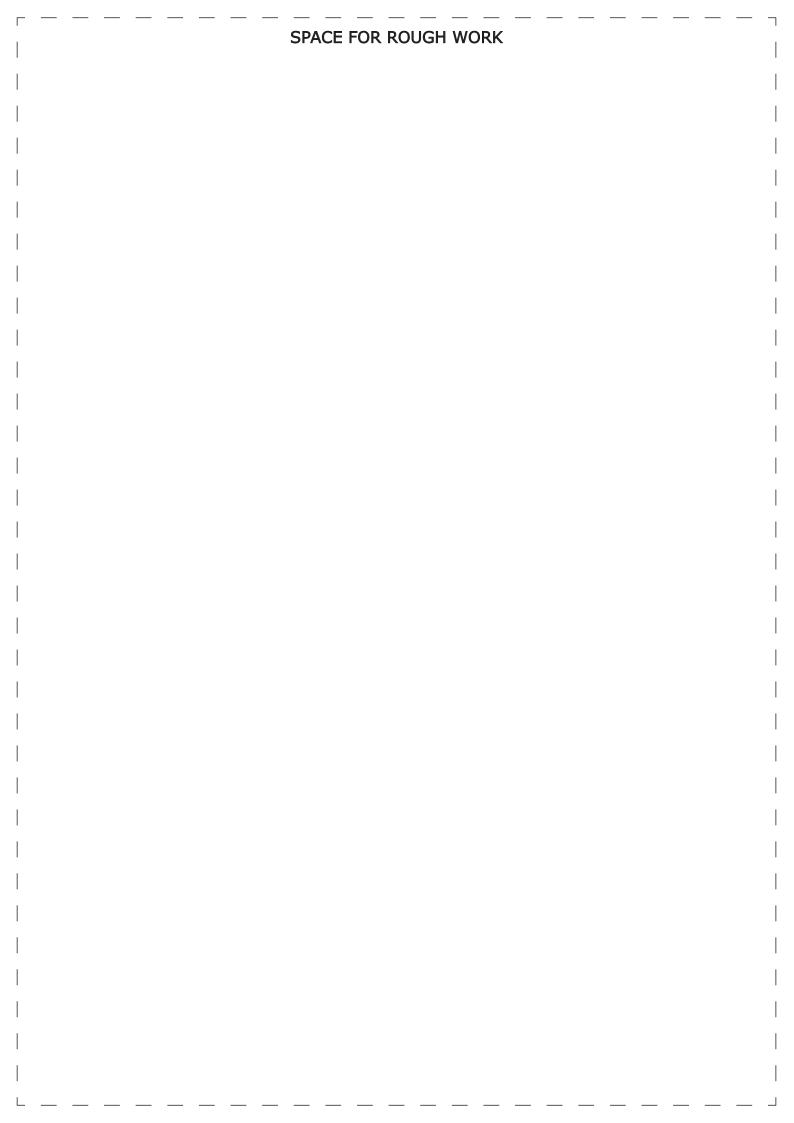


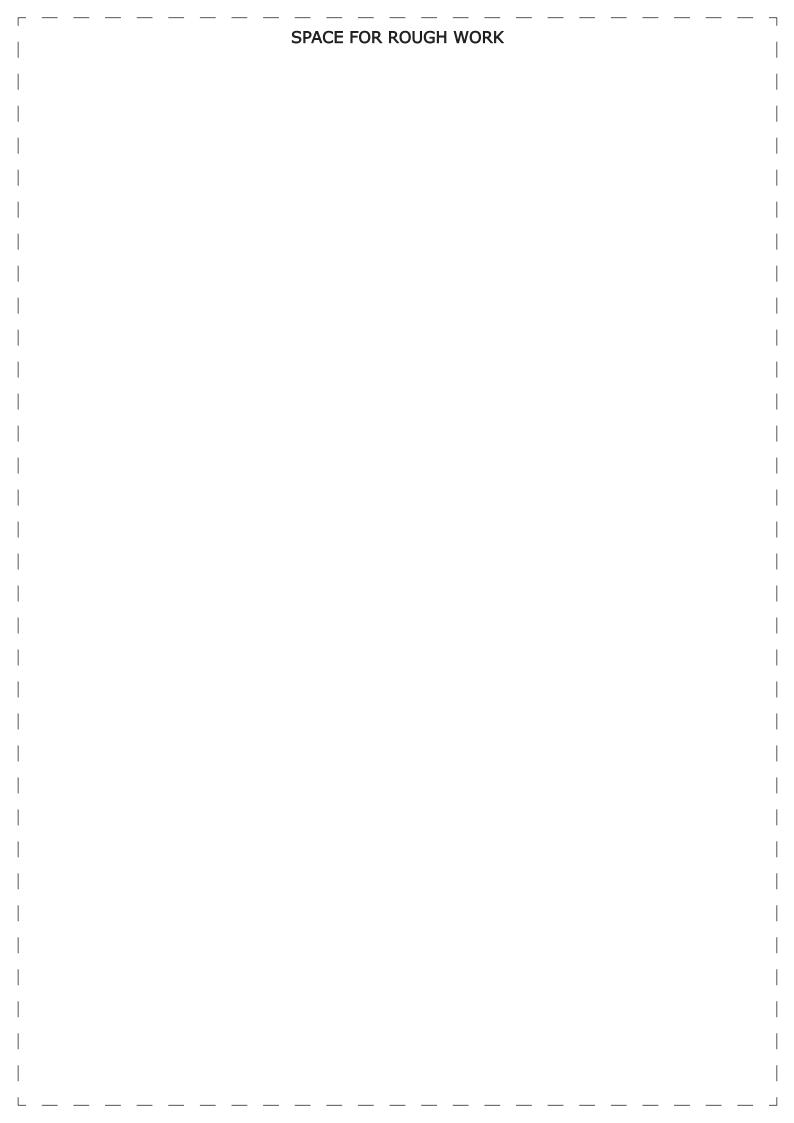
26)	- Control of the Cont		
	complete the same wall?		
	A) 20 hours	C) 5 hours	
	B) 10 hours	D) None of the Above	
27)	Three times what number is the same as two	times that same number?	
	A) 1	C) 2	
	B) 3	D) 0	
28)	A carton can hold 10 small boxes or 8 large	boxes. If a total of 96 boxes were	
	sent in one shipment and the number of small	l boxes was less than large boxes,	
	how many cartons were shipped?		
	A) 11	C) 10	
	B) 9	D) 8	
29)	There are a certain number of books on A's b	bookshelf. A took a book which is 6 <sup>th</sup>	
	from the right and 4th from the left. Can you	find out the number of books on the shelf?	
	A) 10	C) 9	
	B) 11	D) 12	
30)	A weighs half as much as B and C weigh 5 t	_	
	weight is 240 kilos. Can you figure out the in	ndividual weights of each person?	
	A) A-40, B-80, C-200	C) A-50,B-100,C-90	
	B) A-30,B-60,C-150	D) A-30,B-150,C-60	
31)	What can go up and come down without mov	ving?	
	A) Lift	C) Temperature	
	B) Escalator	D) Helicopter	
32)	I touch your face. I am in your words. I am a	a lack of space and beloved by birds. What am I?	
	A) Air	C) Sunlight	
	B) Cold	D) None of the above	
33)	What goes around wood but never goes into	it?	
	A) Bark	C) Root	
	B) Shoot	D) Branch	
34)	What is full of holes but still holds water?		
	A) Bucket	C) Sponge	
	B) Drain	D) None of the Above	
35)	I am a god, a planet, and I can measure heat.	What am I?	
	A) Earth	C) Jupiter	
	B) Mars	D) Mercury	
36)	Number one is hydrogen. Twenty-five is man	nganese. Sodium is eleven.	
	Who came up with a rudimentary version of	this list?	
	A) Albert Einstein	C) Niels Bohr	
	B) Isaac Newton	D) Dmitri Mendeleev	
37)	I can be good for you, I can be bad, I can be	found all over inside and outside your body.	
	I am microscopic, single-celled and have no	nucleus. What am I?	
	A) Virus	C) Bacteria	
	B) Fungi	D) None of the above	



38)	Your mom and dad each gave you 23 of these threadlike strands and they helped	
	to make you who you are. What are these strands known as?	
	A) RNA	C) Genes
	B) Chromosomes	D) DNA
39)	Which two elements when combined together, can 'HEAL'?	
	A) Helium and Argon	C) Helium and Aluminium
	B) Hydrogen and Aluminium	D) Hydrogen and Argon
40)	When two light nuclei become one, I liberate quite a bit of nuclear energy? What am I?	
	A) Nuclear Fission	C) Both A&B
	B) Nuclear Fusion	D) Neither A nor B

## SPACE FOR ROUGH WORK







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