



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:

$\overline{}$	Correct	Method	
A		C	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)												
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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: On August 29, 1997, in Scotts Valley, California, Marc Randolph and Reed Hastings established Netflix. Hastings, a computer scientist and mathematician, co-founded Pure Atria, which Rational Software Corporation purchased for \$750 million in 1997, at the time the largest acquisition in Silicon Valley history. Randolph was inspired by Amazon.com and wanted to locate a sizable market of transportable goods to sell online using a similar business strategy. VHS tape sales and rentals were explored, but Hastings and Randolph decided against it because they would be too expensive to stock and too fragile to ship.

1)	Argument: Netflix was established in the early 1990s.								
	A) Strong Argument B) Weak Argument								
2)	2) Argument: Reed Hastings was also one of the founders of Pure Atria.								
	A) Strong Argument B) Weak Argument								
3)	Argument: Netflix rejected VHS tapes as they would be too expensive to courier to customers.								
	A) Strong Argument B) Weak Argument								
4)	Argument: Pure Atria was acquired for three quarters of a billion dollars.								
	A) Strong Argument B) Weak Argument								

Instructions (Q5-Q12): The questions will begin with a paragraph which is true. Read the paragraph and the assumptions carefully. Now decide whether the inferences are true or false.

Paragraph: Ron Howard directed the 1995 American space drama film Apollo 13. A dramatisation of the failed Apollo 13 lunar mission in 1970, the script by William Broyles Jr. and Al Reinert is based on astronauts Jim Lovell and Jeffrey Kluger's 1994 book Lost Moon: The Perilous Voyage of Apollo 13. The astronauts Lovell, Jack Swigert, and Fred Haise are seen in the movie flying on Apollo 13, which was to be America's third trip to land on the Moon. Three astronauts are on their way to the Moon when an on-board explosion depletes their spacecraft's oxygen supply and electrical power. As a result, NASA's flight controllers are forced to abort the mission and devise creative scientific and mechanical fixes to return the three astronauts to Earth safely.

5)	Inference: The Apollo 13 mission was to be America's 3 rd lunar mission to land on the Moon.								
	A) True	B) False							
6)	Inference: Row Howard was the person in-charge of NASA's Apollo 13 mission.								
	A) True B) False								
7)	Inference: William Broyles Jr. and Al Reinert were	e also real-life astronauts.							
	A) True	B) False							
8)	Inference: The Apollo 13 mission was aborted before the lunar landing.								
	A) True A) True								
9)	Inference: The on-board explosion causes a power blackout in the spacecraft.								
	A) True A) True								
10)	Inference: NASA's controllers were focused on the safety of the astronauts rather than the success of the mission.								
	A) True	B) False							
11)	Inference: Jeffrey Kluger was one of the astronaut	s abord the actual Apollo 13 mission.							
	A) True	B) False							
12)	Inference: Ron Howard's movie is an adaptation o	f Lost Moon - The Perilous Voyage of Apollo 13.							
	A) True	B) False							



Instructions (Q13-Q20): The questions will begin with a paragraph which is true. Read the paragraph and the assumptions carefully. Now decide whether the inferences are true or false.

Paragraph: Thomas Jeffrey Hanks is an American actor and director who was born on July 9, 1956. He is one of the most well-known and recognisable movie performers in the world and is considered as an American cultural icon. He is known for both his humorous and serious parts. Hanks is the fourth-highest grossing actor in North America with over \$4.9 billion in domestic box office receipts and over \$9.96 billion globally. He was the recipient of two back-to-back Best Actor Oscars, the latter coming for Forrest Gump in 1994. Hanks worked with the late Steven Spielberg on five movies, the HBO miniseries Band of Brothers (2001), and the 2010 miniseries The Pacific, which served as his debut as a producer, director, and screenwriter. Additionally, Hanks portrayed Col. Tom Parker in the 2022 biopic "Elvis."

13)	Conclusion: Hanks was born in the 4th decade of 20th Century.								
	A) Conclusion Follows	B) Conclusion Does Not Follow							
14)	Conclusion: Tom Hanks's middle name is Jeffrey.								
	A) Conclusion Follows A) Conclusion Follows								
15)	Conclusion: Tom Hanks won the Oscar for the Best Actor	or for portraying the role of Forrest Gump.							
	A) Conclusion Follows	A) Conclusion Follows							
16)	Conclusion: 'The Pacific' was the Hank's first collaborat	ion with Spielberg.							
	A) Conclusion Follows A) Conclusion Follows								
17)	Conclusion: Tom Hanks played the role of an army colonel in the 2022 biopic Elvis.								
	A) Conclusion Follows A) Conclusion Follows								
18)	Conclusion: Tom Hanks's box office collections stand amongst the top 3 in North America.								
	A) Conclusion Follows A) Conclusion Follows								
19)	Conclusion: Tom Hanks received the Oscar for Best Actor	or in 1993 as well as 1994.							
	A) Conclusion Follows A) Conclusion Follows								
20)	Conclusion: Tom Hanks and Steven Spielberg have colla	aborated on 5 films.							
	A) Conclusion Follows	A) Conclusion Follows							

SECTION 02 – CREATIVE THINKING

21)	What is perpetually moist and neither water nor land?								
	A) Iceberg	C) Desert							
	B) Wetland	D) None of the above							
22)	What is it that is the name of a god as well as planet, but can also measure heat?								
	A) Venus	C) Jupiter							
	B) Mercury D) Saturn								
23)	I can be heard but not seen and I won't speak back	k until I'm spoken to. What am I ?							
	A) Echo C) Shadow								
	B) Light D) Wave								
24)	4) What is it that can eat a lot of iron and still not get sick?								
	A) Spinach	C) Carrot							
	B) Rust D) None of the Above								
25)	What number do Nickel and Neon make when con	nbined?							
	A) 19	C) 9							
	B) 17	D) 7							
26)	Which element is also known as the home of a sup	perhero?							
	A) Neon	C) Krypton							
	B) Argon	D) Xenon							

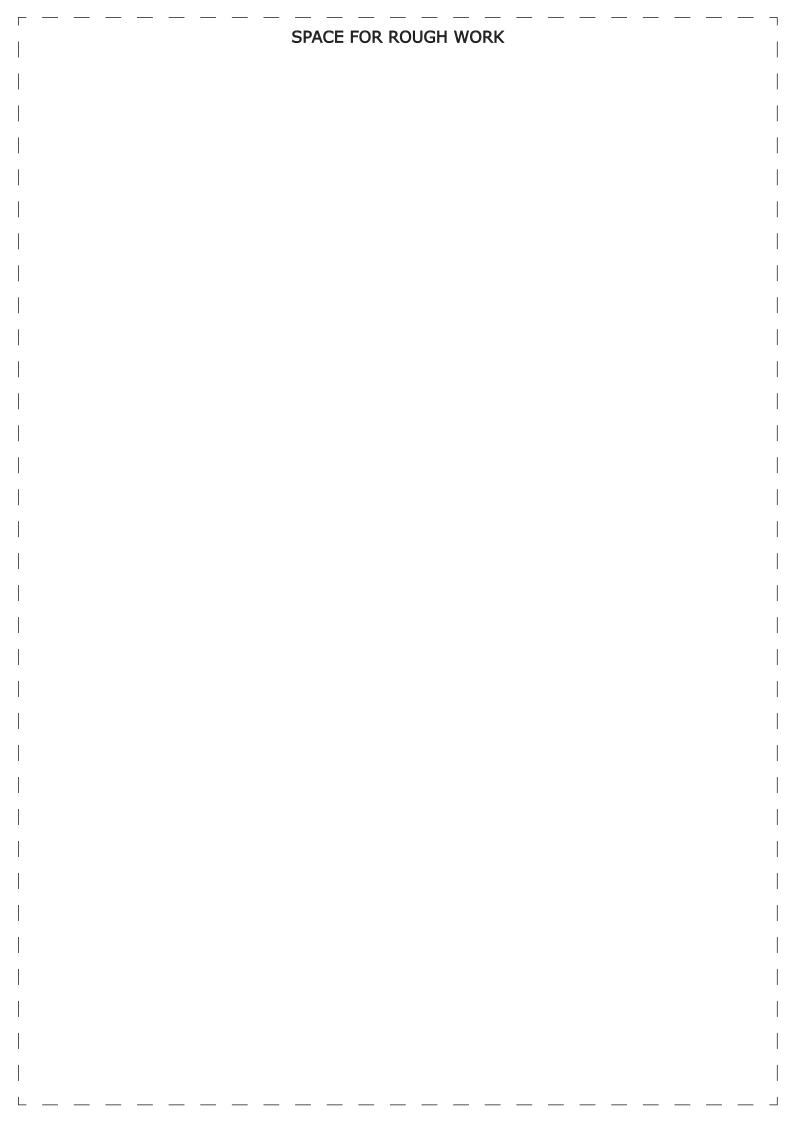


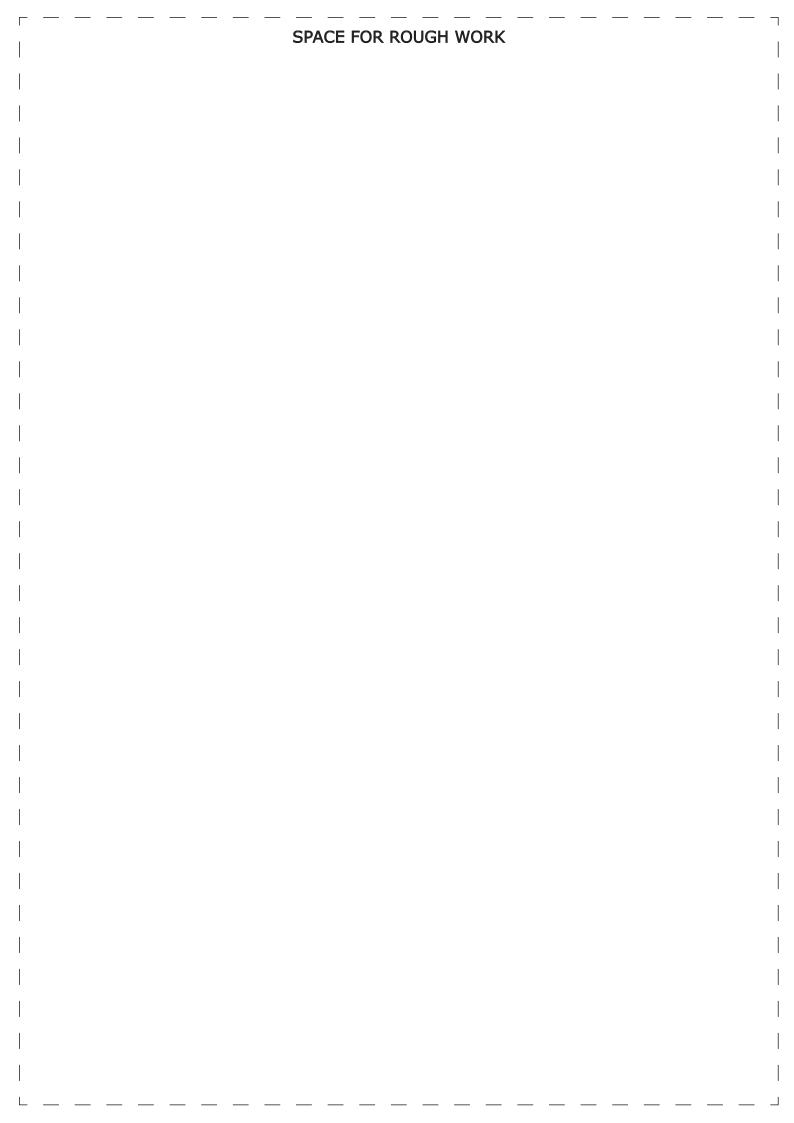
27)	Which of these can neither be created nor be destr	royed?
	A) Energy	C) Both A&B
	B) Matter	D) Neither A nor B
28)	Which gas is essential for plants but is never sold	at a gas station?
	A) Carbon-Di-Oxide	C) Oxygen
	B) Carbon Mono-Oxide	D) Methane
29)	What is it that is under our face and yet outside or	ur mind ?
	A) Spinal Chord	C) Brain
	B) Tongue	D) Skull
30)	What is it that has a mouth but cannot chew?	· · ·
	A) Mountain	C) Snake
	B) Rat	D) River
31)	I go, through towns and over the hills and yet I st	ay still, what am I ?
	A) Helicopter	C) Tree
	B) Car	D) Road
32)	I am a sea, and the continents I touch are three. W	Vhat am I?
	A) Baltic Sea	C) Caspian Sea
	B) Dead Sea	D) Mediterranean Sea
33)	Eskimos are very good hunters, but they never hu	int for penguins. Why not ?
	A) Penguins are fast swimmers	C) Penguins don't get caught in traps
	B) Penguins are nocturnal	D) None of the Above
34)	From South Asia I Hail and with 7 I share trails. V	Vho am I?
	A) India	C) Pakistan
	B) Bangladesh	D) Sri Lanka
35)	I hail from European Union and host the maximur	n occupants. Who am I?
	A) London	C) Berlin
	B) Paris	D) Madrid
36)	Which mountain can be said to be the laziest in the	ne world?
	A) Annapurna	C) Naga Parbat
	B) K2	D) Mount Everest
37)	Many think I represent China but I actually repres	sent Switzerland. What am I ?
	A) .com	C) .de
	B) .ch	D).cn
38)	Which landform gets it's name from the fact to	L /
	A) Island	C) Subcontinent
	B) Strait	D) Peninsula
39)	,	I'm famed for my tartan, tasty shortbread and haggis. What am
	A) England	C) Wales
	B) Scotland	D) Gibraltar



40)	What is it that is the name of a bird and a fruit while also being the nickname of a cricket team?								
	A) Kiwi	C) Emu							
	B) Wiki	D) Ostrich							

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