



## 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**: Discord is a communication platform that allows users to create and join different servers for various purposes. It is often used for gaming communities, but can also be utilized for group discussions and collaboration. Discord offers features such as voice and text chat, as well as file sharing and screen sharing options. It has gained popularity among users for its user-friendly interface and customizable options. Despite its benefits, discord can sometimes cause conflict within communities due to its open and unregulated nature. It is important for users to practice good communication and moderation to prevent discord from causing unnecessary disagreement and disruption.

1)	Argument: Discord is only used for gaming communities.		
	A) Strong Argument	B) Weak Argument	
2)	Argument: Discord is a messaging app that allows users to build and join servers.		
	A) Strong Argument	B) Weak Argument	
3)	Argument: Discord can sometimes cause conflict within communities due to its regulated nature.		
	A) Strong Argument	B) Weak Argument	
4)	Argument: Discord provides capabilities such as textual and voice chat, as well as file and screen sharing.		
	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: The dangers of AI, or artificial intelligence, are a growing concern as the technology continues to advance. AI refers to the development of computer systems that can perform tasks that normally require human intelligence, such as visual perception, speech recognition, and decision-making. While AI has the potential to revolutionize various industries and improve our daily lives, it also poses significant risks. One of the main dangers of AI is the potential loss of jobs. As AI becomes more advanced, machines may be able to perform tasks more efficiently and cost-effectively than humans, leading to widespread unemployment. Additionally, AI algorithms may be biased or discriminatory, leading to unfair treatment of certain groups of people. Another concern is the potential for AI to be used for malicious purposes. As AI systems become more sophisticated, they may be able to hack into networks and systems, or even be used for military purposes. In a worst-case scenario, AI could become a powerful weapon in the hands of malicious actors, leading to significant damage and loss of life. Furthermore, the development of AI raises ethical questions about the role of machines in society. As AI systems become more advanced, they may be able to make decisions and take actions without human intervention. This raises the question of whether we should trust AI systems to make decisions on our behalf and whether they should be held accountable for their actions. Overall, while the potential benefits of AI are numerous, it is important to recognize the potential dangers and address them through careful regulation and ethical guidelines.

5)	Inference: The development of computer systems that can accomplish activities that need human intellect is alluded to as artificial intelligence (AI).		
	A) True	B) False	
6)	Inference: AI poses no significa	nt risks.	
	A) True	B) False	
7)	Inference: AI systems cannot be	e used for malicious purposes.	
	A) True	B) False	
8)	Inference: Artificial Intelligence has the potential to improve our daily lives.		
	A) True	A) True	
9)	Inference: One of the risks of artificial intelligence is the possible loss of jobs.		
	A) True	A) True	
10)	Inference: AI algorithms have the potential to be biased or prejudiced.		
	A) True	B) False	



11)	1) Inference: The advancement of artificial intelligence raises ethical concerns regarding the role.		
	A) True	B) False	
12)	Inference: It is critical to address the possible risks of AI through stringent legislation and ethical principles.		
	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: The dangers of social media are a growing concern as the platforms continue to dominate our daily lives. Social media refers to online platforms that allow users to create and share content, such as photos, videos, and text posts. While social media has the potential to connect people and facilitate communication, it also poses significant risks. One of the main dangers of social media is the potential for cyberbullying. As more and more people use social media, the likelihood of encountering cyberbullies increases. Cyberbullies can use social media to harass, intimidate, or spread false information about others, often with anonymity. This can lead to significant emotional distress for victims and even lead to mental health issues such as depression and anxiety. Another concern is the potential for social media to be used for criminal activities. As social media platforms become more popular, they may be used by criminals to target and exploit vulnerable individuals. This could include scams, harassment, or even grooming for sexual exploitation. Furthermore, the use of social media can also have negative effects on physical health. Excessive use of social media can lead to a sedentary lifestyle, resulting in weight gain and increased risk of chronic diseases. It can also lead to poor sleep quality, as the blue light emitted by screens can disrupt the production of melatonin, a hormone that regulates sleep. Overall, while the potential benefits of social media are numerous, it is important to recognize the potential dangers and take steps to mitigate them. This could include educating users about the risks of social media, implementing strict policies for online behavior, and promoting healthy use of the platforms.

13)	Conclusion: The usage of social media can be beneficial to one's physical health.		
	A) Conclusion Follows	B) Conclusion Does Not Follow	
14)	Conclusion: The risks of social media are becoming more prevalent.		
	A) Conclusion Follows	B) Conclusion Does Not Follow	
15)	Conclusion: Online systems that	t allow users to produce and share information are referred to as social media.	
	A) Conclusion Follows	B) Conclusion Does Not Follow	
16)	Conclusion: Cyberbullying can cause victims substantial physical suffering.		
	A) Conclusion Follows	B) Conclusion Does Not Follow	
17)	Conclusion: Social media has the ability to bring people together and improve communication.		
	A) Conclusion Follows	B) Conclusion Does Not Follow	
18)	Conclusion: Excessive social media use might result in weight loss.		
	A) Conclusion Follows	B) Conclusion Does Not Follow	
19)	Conclusion: It is critical to realise the possible risks of social media and take precautions to avoid them.		
	A) Conclusion Follows	B) Conclusion Does Not Follow	
20)	Conclusion: Cyberbullies can use social media anonymously to harass, threaten, or circulate false information about others.		
	A) Conclusion Follows	B) Conclusion Does Not Follow	

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

21)	What gets bigger when more is taken away?		
	A) Hole	C) Pit	
	B) Trench	D) All of the Above	
22)	I'm light as a feather, yet the strongest person can't hold me for five minutes. What am I?		
	A) Breath	C) Leaf	
	B) Blood	D) None of the above	

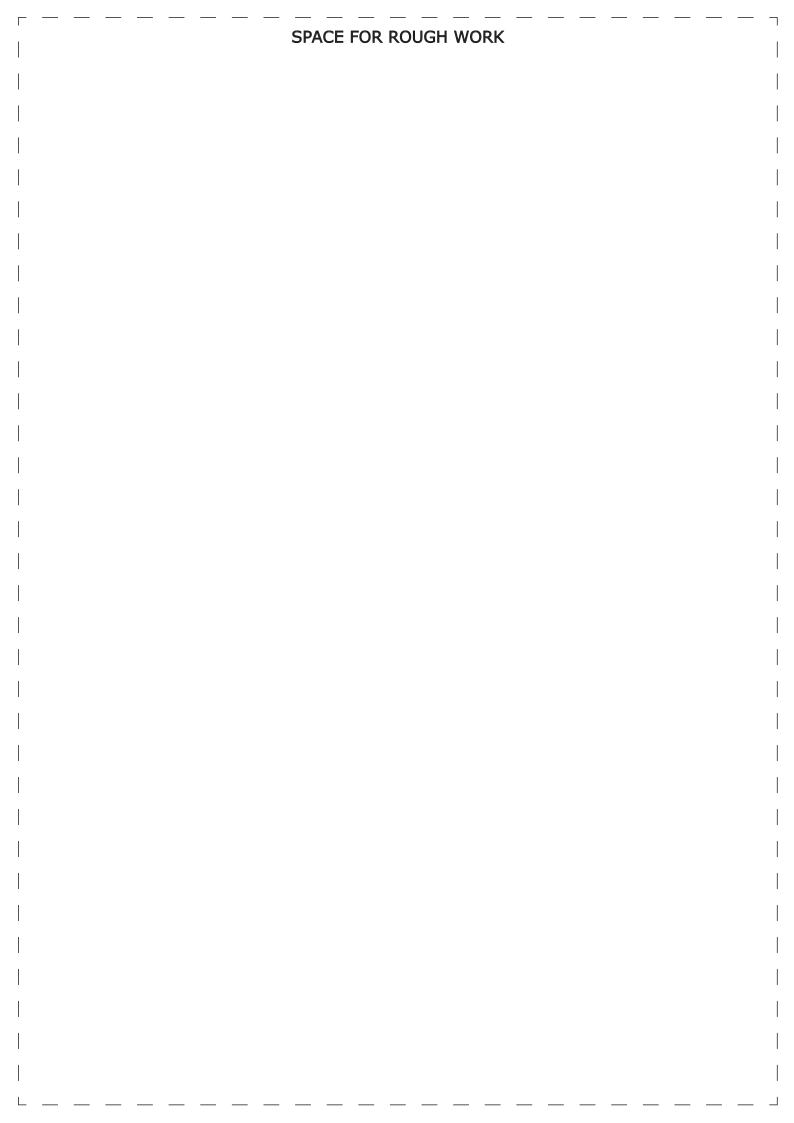


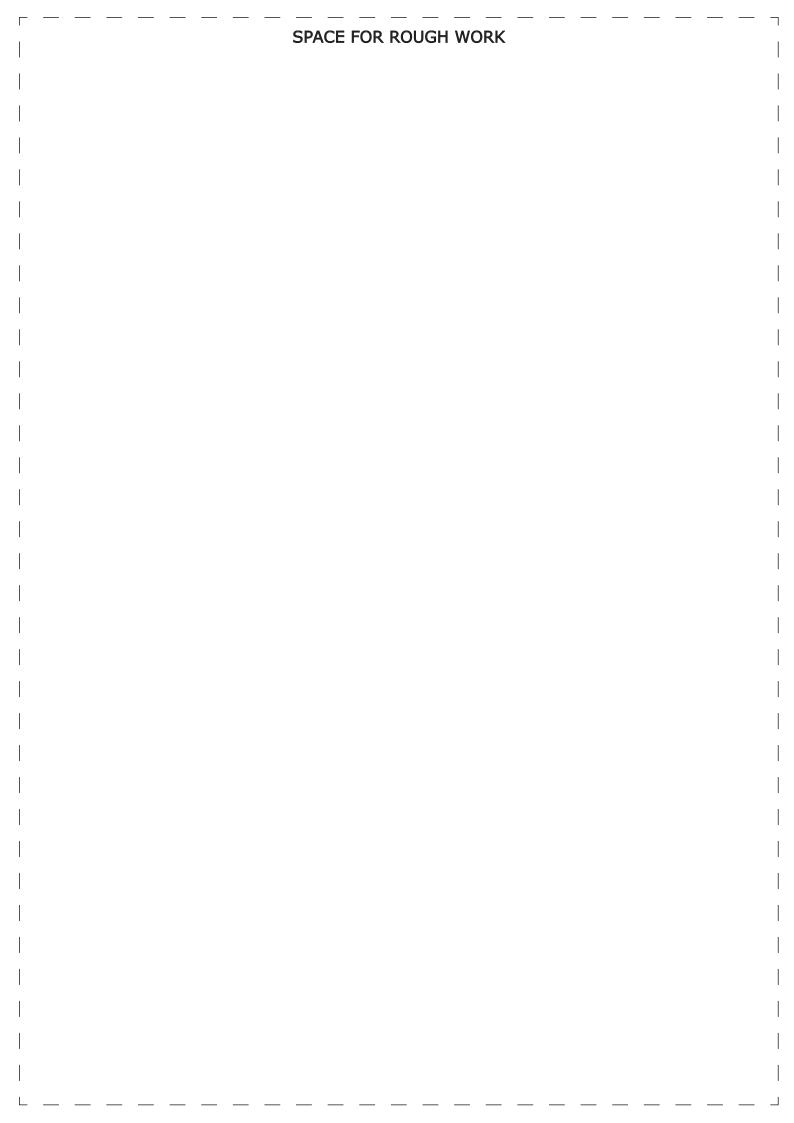
23)	I'm found in socks, scarves and	d mittens; and often in the paws of playful kittens. What am I?	
	A) Silk	C) Cotton	
	B) Yarn	D) Wool	
24)	Where does today come before		
	A) USA	C) New Zealand	
	B) Dictionary	D) None of the above	
25)	What invention lets you look rig	,	
	A) Blinds	C) Mirror	
	B) Curtain	D) Window	
26)	If you're running in a race and you pass the person in second place, what place are you in?		
	A) 2nd	C) 1st	
	B) 3rd	D) 4th	
27)	What has lots of eyes, but can't	see?	
/	A) Octopus	C) Bee	
	B) Snake	D) Potato	
28)	What has hands, but can't clap?		
	A) Clock	C) Needle	
	B) Wall	D) None of the above	
29)	What is cut on a table, but is no	ever eaten?	
	A) Jackfruit	C) Orange	
	B) Turkey	D) Deck of Cards	
30)	What has a thumb and four fingers, but is not a hand?		
	A) Ghost	C) Glove	
	B) Shadow	D) None of the Above	
31)	What has ears that can't hear?		
	A) Corn	C) Rice	
	B) Rat	D) Deer	
32)	What five-letter word becomes	shorter when you add two letters to it?	
	A) Short	C) Sport	
	B) Quart	D) Court	
33)	I am the beginning of everythin of time and space. What am I?	ng, the end of everywhere. I'm the beginning of eternity, the end	
	A) E	C) Y	
	B) T	D) S	
34)	The more you take, the more you leave behind. What are they?		
	A) Shadow	C) Reflection	
	B) Footsteps	D) None of the above	
35)	<del></del>	t get in. I turn again, what is in will not get out. What am I?	
-	A) Lock	C) Key	
	B) Doorknob	D) All of the above	
36)	What breaks yet never falls?		
	A) Summer	C) Autumn	
	B) Day	D) Night	



37)	) What has lakes but no water and beaches but no sand?		
	A) Mountains	C) Deserts	
	B) Atlas	D) None of the above	
38)	38) Which of these objects can join things in just a bite?		
	A) Stapler	C) Needle	
	B) Shoe	D) None of the above	
39)	9) In which 5 letter word are the last 4 letters silent?		
	A) Queue	C) Shrew	
	B) Cues	D) None of the above	
40)	Which of these words spell the same forwards and backwards?		
	A) Rotor	C) Race-car	
	B) Noon	D) All of the above	

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