National Analytical Aptitude Test

## NISA - NATIONAL ANALYTICAL APTITUDE TEST 2022

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

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

Total Questions: 40
Time: 6D 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 |  |  |
| :--- | :--- | :---: |
| (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.


National Independent Schools Alliance
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65 State Associations | 20 Million Students | In 26 States of India

STUDENT NAME (IN CAPITAL LETTERS)

SCHOOL NAME (IN CAPITAL LETTERS)
$\square$

|  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## PART - I <br> 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: The koto is a Japanese plucked string instrument, and the national instrument of Japan.Koto strings are generally plucked using three fingerpicks (tsume), worn on the first three fingers of the right hand.

1) Argument: The koto is a percussion instrument.
A) Strong Argument
B) Weak Argument
2) Argument: The koto is a traditional Japanese instrument.
A) Strong Argument
B) Weak Argument
3) Argument: All koto players wear 4 to 5 fingerpicks.
A) Strong Argument
B) Weak Argument
4) Argument: The fingerpicks are called tsume.
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: Monopoly is a multi-player economics-themed board game. In the game, players roll two dice to move around the game board, buying and trading properties and developing them with houses and hotels. Players collect rent from their opponents, aiming to drive them into bankruptcy. Money can also be gained or lost through Chance and Community Chest cards and tax squares. Players receive a stipend every time they pass "Go" and can end up in jail, from which they cannot move until they have met one of three conditions. House rules, hundreds of different editions, many spin-offs, and related media exist. Monopoly has become a part of international popular culture, having been licensed locally in more than 103 countries and printed in more than 37 languages. As of 2015, it was estimated that the game had sold 275 million copies worldwide.
5) Inference: Monopoly lays emphasis on creating passive sources of income.
A) True
B) False
6) Inference: Players in jail can continue play and move around the board.
A) True
B) False
7) Inference: Monopoly is a single player game.
A) True
B) False
8) Inference: Monopoly has sold more than an a quarter of a billion copies worldwide.
A) True
B) False
9) Inference: The main objective is to make the other players go bankrupt.
A) True
B) False
10) Inference: Monopoly teaches the player the concepts of money supply and asset creation.
A) True
B) False
11) Inference: Monopoly is a war strategy game.
A) True
B) False
12) Inference: Multiple versions of monopoly exist.
A) True
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 FIFA World Cup competition, is a quadrennial international men's football championship contested by the senior national teams of the member associations of FIFA. The 22nd Edition is scheduled to take place in Qatar from 20 November to 18 December 2022. This will be the first World Cup ever to be held in the Arab world, and the second World Cup held entirely in Asia after the 2002 tournament in South Korea and Japan. In addition, the tournament is scheduled to be the last with a 32 -team field; the field is slated to increase to 48 teams for the 2026 tournament in the United States, Mexico, and Canada. Due to Qatar's intense summer heat, this World Cup will be held from late-November to mid-December, making it the first tournament not to be held in May, June, or July and to take place in the northern autumn; it will be played in a reduced timeframe of around 29 days. The first match played at the tournament will be contested between Qatar and Ecuador at Al Bayt Stadium, Al Khor. The final is due to be held on 18 December 2022, which also is Qatar National Day. The reigning World Cup champions are France.

| 13$)$ | Conclusion: The World Cup is held once every two years. |
| :---: | :---: | :---: |

A) Conclusion Follows
B) Conclusion Does Not Follow
14) Conclusion: : The 2022 FIFA World Cup is the first World Cup to be held in the Middle East and North Africa Region.
A) Conclusion Follows
B) Conclusion Does Not Follow
15) Conclusion: The FIFA World Cup is a men's soccer tournament.
A) Conclusion Follows
B) Conclusion Does Not Follow
16) Conclusion: The World Cup is usually held in the months of November and December.
A) Conclusion Follows
B) Conclusion Does Not Follow
17) Conclusion: France were the winners of the 21st edition of the FIFA World Cup.
A) Conclusion Follows
B) Conclusion Does Not Follow
18) Conclusion: The 22nd edition will be the first edition to feature an expanded field of 48 teams.
A) Conclusion Follows
B) Conclusion Does Not Follow
19) Conclusion: The 17th edition was the last time the World Cup was held in Asia.
A) Conclusion Follows
B) Conclusion Does Not Follow
20) Conclusion: The 23rd edition is set to take place in North America.
A) Conclusion Follows
B) Conclusion Does Not Follow

## SECTION 02 - CREATIVE THINKING

| 21) | I was once an old massive star and soon I will be a brightly colored gas cloud, but for now I am a <br> massive explosion. What am I called? |  |
| :--- | :--- | :--- |
|  | A) Supernova | C) Pulsar |
|  | B) Big Bang | D) Constellation |
| 22) | I make up about three-fourths of all the universe and almost nothing is known about me. What am I? |  |
|  | A) Ether | C) Light |
|  | B) Dark Matter | D) Gravity |
| 23) | What is the name of an interstellar short cut of space-time which connects far away regions? |  |
|  | A) Galaxy | C) Vortex |
|  | B) Wormhole | D) Black Hole |
| 24) | What kind of chemical element hates to be a follower? |  |
|  | A) Helium | C) Nitrogen |
|  | B) Calcium | D) Lead |


| 25) | I spin faster than your eye can see, but you often hear me revving down the streets, who am I? |  |
| :---: | :---: | :---: |
|  | A) Avenger | C) Raider |
|  | B) Meteor | D) Pulsar |
| 26) | I can neither be seen nor be tasted but you use me to make things that suit your taste. What am I? |  |
|  | A) Petrol | C) Kerosene |
|  | B) Sunlight | D) LPG |
| 27) | What four periodic elements, when combined, make up something that terrifies criminals? |  |
|  | A) Carbon, Oxygen, Phosphorous, Sulphur | C) Cadmium, Oxygen, Phosphorous, Sodium |
|  | B) Carbon, Oxygen, Plutonium, Sodium | D) Calcium, Ozone, Plutonium, Sulphur |
| 28) | I am the toe that every scientist would love to have as their own, yet there has never been a single person who has had a toe that everyone agreed is the best. What kind of toe am I?? |  |
|  | A) Theory of Everything | C) Theory of Electrons |
|  | B) Theory of Eclipses | D) Theory of Epidemics |
| 29) | What did the scientist say when he found 2 atoms of helium?? |  |
|  | A) $\mathrm{Hi}, \mathrm{Hi}$ | C) Hello World |
|  | B) $\mathrm{He}, \mathrm{He}$ | D) None of the above |
| 30) | I have within me the power of a Norse God and an Avenger, and I radiate when I split, what am I?? |  |
|  | A) Calcium | C) Selenium |
|  | B) Uranium | D) Thorium |
| 31) | You toss a coin 10 times and it landed in the heads up position all ten times. So, what are the possible chances for you to toss it up again and for it to land in heads up position?? |  |
|  | A) 1 | C) 0.5 |
|  | B) 0.75 | D) 0.25 |
| 32) | I am a redhead but if you scratch my head once, my head turns black. What am I? |  |
|  | A) Matchstick | C) Corn-Cob |
|  | B) Wig | D) Cotton-Wool |
| 33) | What gets wetter the more it dries? |  |
|  | A) Cement | C) Clay |
|  | B) Soil | D) Towel |
| 34) | Remove the outside, cook the inside. Then, eat the outside, throw away the inside. What are we talking about? |  |
|  | A) Corn-cob | C) Apples |
|  | B) Oranges | D) Plums |
| 35) | I look at you, you look at me, I raise my right, you raise your left. What is this object? |  |
|  | A) Shadow | C) Lamp |
|  | B) Mirror | D) Scooter |
| 36) | A barrel of water weighs 15 kilos. What must you add to it to make it weigh 10 kilos?? |  |
|  | A) Salt | C) Sugar |
|  | B) Sponge | D) Holes |
| 37) | Big as a biscuit, deep as a cup, even a river can't fill it up. What is it? |  |
|  | A) Kitchen Strainer | C) Jug |
|  | B) Filter Paper | D) Teapot |


| 38) | A was born on December 27th, yet his birthday is always in the summer. Where does A live? |  |
| :--- | :--- | :--- |
|  | A) Italy | C) China |
|  | B) Japan | D) Australia |
| 39) | Which one of the given statements is correct? |  |
|  | A) The yolk of the egg are white | C) Both A \& B |
|  | B) The yolk of the egg is white | D) Neither A nor B |
| 40) | What do you throw out when you want to use it but take in when you don't want to use it? |  |
|  | A) Mast | C) Sails |
|  | B) Life-jacket | D) Anchor |



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