



## 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		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.

Affordable Schooling



Commendable Learning

We Are The Voice of 1 Lakh Budget Private Schools

65 State Associations | 20 Million Students | In 26 States of India

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

# PART - I SECTION 1 – MATH ABILITY

1)	C-1 0 ( 2) — 0*		
1)	Solve: $8 (y-2) = 8*y - 2*$	C) 0*	
	A) 2*y	C) 8*y	
	B) 3*y The price of the efembles is Be	D) None of the above	
2)	The price of 1kg of apples is Rs. a. Price of 1kg of oranges is Rs. p, what is the cost of 2 kilograms of oranges and apples each		
	A) 2 (a+p)	C) 2(2a+2p)	
	B) 2a+p	D) a+p	
3)	Jade thinks of a number n, he th	nen multiplies the number by 6 and then subtract 2 from the resultant.	
	A) 6n+2	C) 6n-2	
	B) n+6-2	D) 6-2n	
4)	Work Out: 4.156 ÷ 0.01 =		
	A) 415.6	C) 4.156	
	B) 41.56	D) 4156	
5)	Write the correct sign $<$ . $>$ or $=$ 3.5 cm $\square$ 345mm		
	A)>	C) =	
	B) <	D) None of the above	
Observe the following chart and select the appropriate answer to questions 6 to 9. $ \begin{array}{c c}  & 4 \times \square \\ \hline  & 0.36 \\ \hline  & 6 \times \square \end{array} $			
6)	4 x		
	A) 0.9	C) 1.4	
	B) 0.8	D) 0.09	
7)	6 x		
	A) 0.06	C) 1.2	
	B) 0.6	D) 6	
8)	x 1.2		
	A) 0.3	C) 0.03	
	B) 3.0	D) 0.31	
	B) 3.0	D) 0.31	

9)	0.6 x		
	A) 0.6	C) .06	
	B) 6.0	D) 0.1	
10)	Find angle a and angle b.		
	<u>) 62°</u>	b°	
М	A) $\angle a = 180^{\circ} \angle b = 118^{\circ}$	C) $\angle a = 108^{\circ} \angle b = 62^{\circ}$	
	B) $\angle a = 118^{\circ} \angle b = 52^{\circ}$	$D) \angle a = 62^{\circ} \angle b = 118^{\circ}$	
11)	Sum of all interior angles of a t		
11)	A) 90°	C) 270°	
	B) 180°	D) 360°	
Н	The decimal values of $\frac{5}{1} - 1$		
12)	The decimal values of $\frac{1}{4} - 1$		
	A) 0.25	C) 1.25	
	B) 0.20	D) 1.0	
13)	A trapezium has pair of p	parallel sides.	
	A) 1	C) 3	
	B) 2	D) 4	
	The perimeter of the given shape (semi-circle) is (use $\pi = 22/7$ )		
	A) 36 cm	C) 29 cm	
	B) 22 cm	D) 72 cm	
15)	The term rule for 4,8,12,16	is?	
	A) 2n	C) n+4	
	B) 4n	D) 4n-1	
16)	If $x = -2$ , find the value of $2x-2$		
	A) 4	C) -6	
	B) 6	D) 8	
17)	The value of 70% of 210 is		
	A) 470	C) 147	
	B) 300	D) 30	
18)	The cost price of a mobile is Rs	s. 8000. The profit amount is Rs. 600. What would be the selling price?	
	A) Rs. 8600	C) Rs. 4800	
	B) Rs. 7400	D) Rs. 4000	
19)	B) Rs. 7400 Increase the number 90 by 15%		
19)	,		



20)	Theatre ticket cost Rs. 85 each, plus a one-time booking fee of Rs. 50. The total cost of booking 5 tickets is?	
	A) 375	C) 425
	B) 475	D) 625

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

21)	Complete the analogy : Sorrow : Meland	choly:::Delight	
	A) Happiness	C) Enmity	
	B) Love	D) Friendship	
22)	Complete the analogy: Book: Author::		
	A) Car : Driver	C) Art : Architect	
	B) House : Artist	D) Music : Composer	
23)	Of the following pair of words which one would not fit the analogy: Goose: Foie Gras::		
	A) Chicken : Biryani	C) Pig : Vindaloo	
	B) Fish : Sushi	D) Chicken: Egg	
24)	Of the following pair of words which one would not fit the analogy: Facebook: Friends::		
	A) Instagram : Followers	C) LinkedIn : Connections	
	B) Twitter: Followers	D) YouTube : Likes	
25)	Complete the analogy : La Liga : Football ::		
	A) Uber Cup: Badminton	C) Laver Cup: Tennis	
	B) Big Bash : Cricket	D) None of the Above	
26)	Find the odd one out : 36, 63, 81, 56		
	A) 36	C) 63	
	B) 81	D) 56	
27)	Find the odd one out: 8,27,126,343		
	A) 343	C) 126	
	B) 8	D) 27	
28)	Find the odd one out : AB,BC,CF,DE		
	A) AB	C) BC	
	B) CF	D) DE	
29)	Find the odd one out : CA,DB,EB,FD		
	A) CA	C) EB	
	B) FD	D) DB	
30)	Find the odd one out: M13, R18, J10, F7		
	A) M13	C) J10	
	B) R18	D) F7	

#### **Questions 31 - 40 :** Read the following paragraph to answer the questions below:

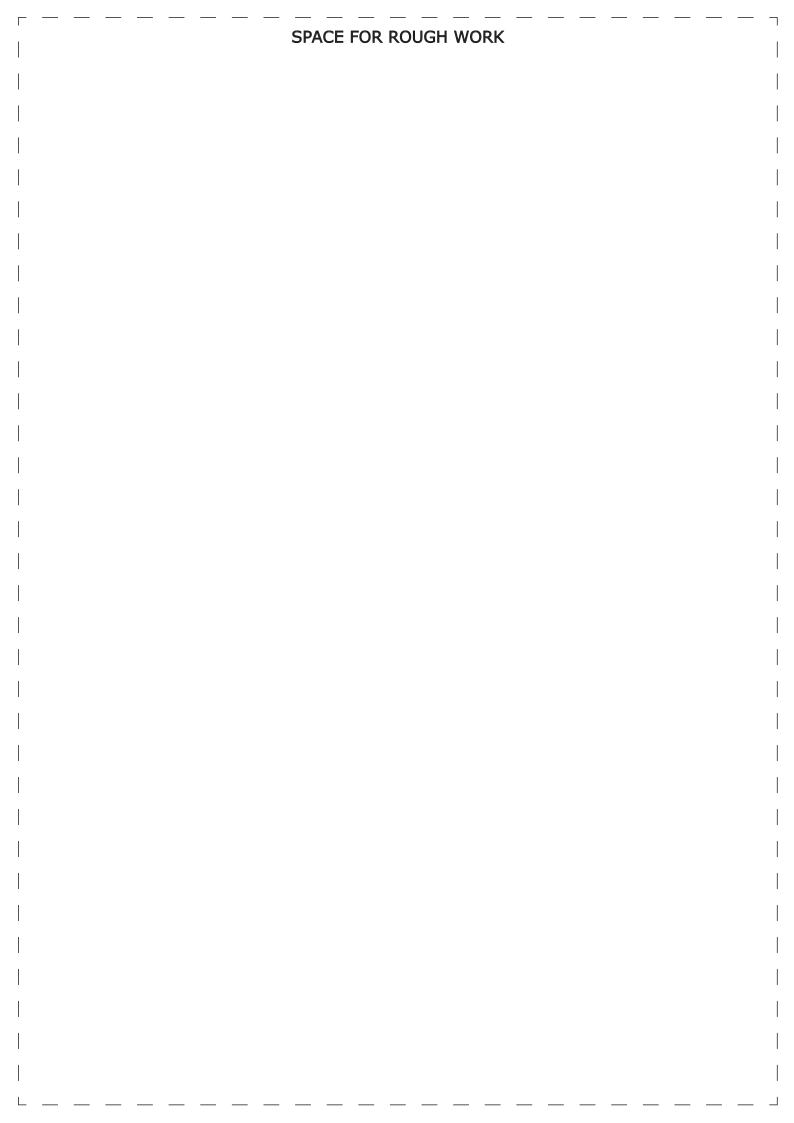
**Paragraph:** 6 friends A,B,C,D E&F are standing in a straight line watching the setting sun. A is third to the left of F and is also on the left most end. C is on the right most end and is third to the right of B.D is second to the right of B

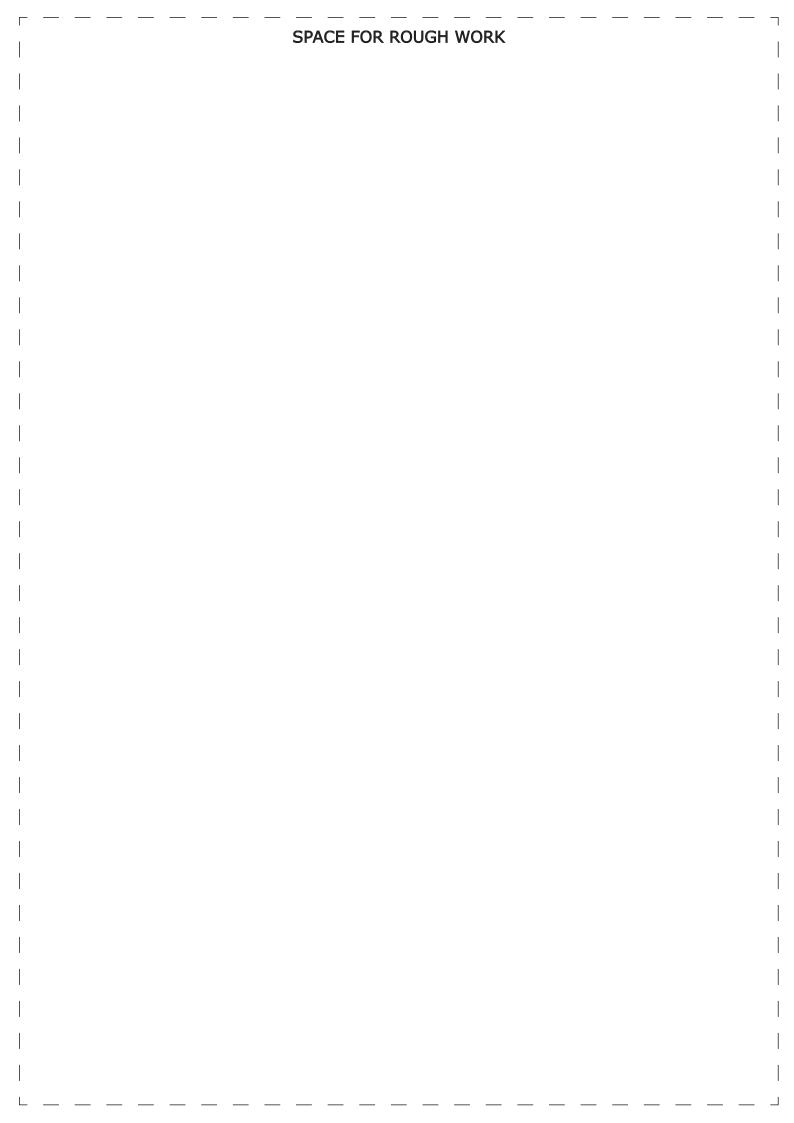
31)	Which direction is everyone facing?	
	A) North	C) South
	B) West	D) East



32)	How many people are there between B	& C	
	A) 2	C) 1	
	B) 3	D) 4	
33)	Who is situated second to the left of F?		
	A) B	C) A	
	B) D	D) E	
34)	Who is situated 3rd to the right of E?		
	A) A	C) D	
	B) C	D) B	
35) Who among the following is situated south of B?		uth of B?	
	A) A	C) C	
	B) D	D) F	
36)	Who among the following is situated to the north of F?		
	A) A	C) C	
	B) B	D) E	
37)	Who is situated between A & B?		
	A) E	C) D	
	B) F	D) C	
38)	8) Who is situated between B & D?		
	A) E	C) F	
	B) C	D) A	
39)	Who is situated between F & C?		
	A) D	C) E	
	B) A	D) B	
40)	Who is situated 4th to the right of A?		
	A) D	C) C	
	B) F	D) B	

## SPACE FOR ROUGH WORK







## We Are The Voice of 1 Lakh Budget Private Schools

65 State Associations | 20 Million Students | In 26 States of India

## Affordable Schooling Commendable Learning







For latest updates & information, please follow us.

