

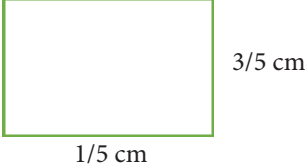












SECTION 1 – MATH ABILITY

Instructions (Q1-Q3): The questions will begin with a dataset which is true. Read the dataset and then choose the correct answer for the questions that follow.

Dataset: Radha went to a fruit market and bought some fruits for her house. Look at the price list and circle the correct answer.

Items	Price in Rs/Kg
Apples	200
Oranges	140
Mangoes	160
Banana	46
Pears	122

1)	Radha wants 2 kgs of pears. How much is the cost?	
	A) Rs. 122	C) Rs. 140
	B) Rs. 244	D) Rs. 212
2)	Cost of 500 grams of Apple is	
	A) Rs. 100	C) Rs. 20
	B) Rs. 200	D) Rs. 100
3)	What is the price of 2 ½ Kgs of Oranges?	
	A) Rs. 280	C) Rs. 350
	B) Rs. 300	D) Rs. 160
4)	Three times of right angle is _____	
	A) 180°	C) 90°
	B) 60°	D) 270°
5)	Simplify $x \div (-3) = -15$	
	A) -5	C) 5
	B) -15	D) 45
6)	The HCF of 180 and 54 is _____	
	A) 18	C) 54
	B) 6	D) 180
7)	These are multiplication pyramids. Copy and complete the pyramids.	
	A) $x = -96, y = 12$	C) $x = 96, y = 12$
	B) $x = -96, y = -12$	D) $x = 96, y = -12$

8)	Write an expression for the given description: 7 added to one half of x									
	A) $7 + \frac{1}{2} + x$	C) $7x$								
	B) $7 + \frac{1}{2}x$	D) $7\frac{1}{2}x$								
9)	Find the perimeter of the given diagram:									
										
	A) $\frac{8}{5}$ cm	C) $\frac{2}{5}$ cm								
	B) $\frac{4}{5}$ cm	D) $\frac{9}{25}$ cm								
10)	Ram has 128 chocolates he gave $\frac{1}{4}$ of it to Rajiv and $\frac{1}{2}$ of it to Raja. How many chocolates does Ram have for himself?									
	A) 98	C) 32								
	B) 128	D) 64								
11)	The side of the square is 12cm, the area is									
	A) 24cm	C) 144cm								
	B) 24cm^2	D) 144cm^2								
12)	A square garden has a fence all around it. If the length of the fence is 160m. Find the length of one of its sides?									
	A) 40 cm	C) 120 cm								
	B) 80 cm	D) 400 cm								
13)	$272 \times 16 = \underline{\hspace{2cm}}$.									
	A) -4352	C) 4352								
	B) 435.2	D) 43520								
14)	The record made by Sheela regarding trees are as below. Each box represents 5 Nos. Which tree is less in number?									
	<table border="1" data-bbox="172 1272 805 1451"> <tbody> <tr> <td>Neem</td> <td></td> </tr> <tr> <td>Coconut</td> <td></td> </tr> <tr> <td>Pine</td> <td></td> </tr> <tr> <td>Oak</td> <td></td> </tr> </tbody> </table>		Neem		Coconut		Pine		Oak	
Neem										
Coconut										
Pine										
Oak										
	A) Neem	C) Pine								
	B) Coconut	D) Oak								
15)	What should be subtracted from 98989 to get 88888?									
	A) 10101	C) 11100								
	B) 10001#	D) 10001#								
16)	Fill in the blanks with $>$, $<$ or $=$ 17×41 _____ 37×14									
	A) $<$	C) $>$								
	B) $=$	D) None of the above								
17)	The product of two numbers is 2944, if one of the numbers is 64 then the other number is _____									
	A) 46	C) 48								
	B) 64	D) 56								

18)	A shop keeper purchased 480 onions. 2 dozens onions got spoiled. He sold 364 onions. How much of onions are left with him?	
	A) 114	C) 92
	B) 118	D) 64
19)	Add: $\frac{1}{6} + \frac{2}{3} = \text{---}$	
	A) $\frac{5}{6}$	C) $\frac{4}{6}$
	B) $\frac{3}{6}$	D) 1
20)	The value of $\frac{7-7}{2}$ is _____	
	A) 1	C) $\frac{1}{2}$
	B) 0	D) $\frac{7}{2}$

SECTION 02 – CREATIVE THINKING

21)	Complete the analogy : Fingers : Hand :: _____ : Leg	
	A) Toes	C) Knee
	B) Heel	D) Ankle
22)	Complete the analogy : Bat : Cricket :: _____	
	A) Goal : Football	C) Shuttle : Badminton
	B) Stump : Cricket	D) Racquet : Tennis
23)	Of the following pair of words which one would not fit the analogy : Scrabble : Words :: _____.	
	A) Monopoly : Money	C) Both
	B) Blackjack : Arithmetic	D) Neither
24)	Of the following pair of words which one would not fit the analogy: Instagram : Social Media : : ____?	
	A) Maps : Navigation	C) Both
	B) Powerpoint : Presentation	D) Neither
25)	Complete the analogy : IPL : Cricket :: _____	
	A) Big Bash : Football	C) World Cup : F1
	B) ISL: Football	D) None of the Above
26)	Find the odd one out : 3,5,7,9.	
	A) 3	C) 9
	B) 7	D) 5
27)	Find the odd one out : 4,16,51,64	
	A) 4	C) 51
	B) 64	D) 16
28)	Find the odd one out : PQ,RS,XZ,TU	
	A) PQ	C) RS
	B) XZ	D) TU
29)	Find the odd one out : AD,BE,CG,DG	
	A) AD	C) CG
	B) BE	D) DG

30)	Find the odd one out : S19,K11,I9,X26		
	A) S19	C) I9	
	B) K11	D) X26	
	<p>Question 31 - 40: Read the following paragraph to answer the questions below. 6 friends A,B,C,D E&F are standing in a straight line watching the rising sun. A is second to the left of B and is also on the left most end. E is on the right most end and is second to the right of D.F is to the immediate left of E.</p>		
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) 0	
	B) 3	D) 1	
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) None of the above	
35)	Who among the following is situated North of B?		
	A) A	C) E	
	B) D	D) F	
36)	Who among the following is situated to the north of F?		
	A) A	C) C	
	B) Both	D) Neither	
37)	Who is situated between A & B?		
	A) E	C) D	
	B) F	D) C	
38)	Who is situated between B & D ?		
	A) E	C) F	
	B) C	D) None of the above	
39)	Who is situated between F & C ?		
	A) D	C) B	
	B) Both	D) Neither	
40)	Who is situated 4th to the right of A ?		
	A) E	C) C	
	B) F	D) B	

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naat@nisaindia.org
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HEAD OFFICE:

Zygon Square H 1A/1, Unit No- 501 5th Floor, Sector 63, Noida, Uttar Pradesh 201301

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