	Corakhpur	0		<i>Public</i> ia, Gorak	e <i>School</i>	*		
	Success through stort		RAMANUJAN OLYMPIAD 2022-23 CLASSES - VI - VIII				A PAR	
N/	AME:		AC	DM. NO	CLASS	SEC	TIME : 1 hr.	
1.	The sum of a two digit nu such numbers are possibl		d the number	r obtained by i	eversing its digits is	a square nu	mber. How many	
a)	5	b) 6		c)	7	d)	8 🤡	
2.	A small bottle of shampowants to buy the minimu must see buy?			•	-		•	
a)	10	b) 20	)	c)	25	d)	15 📀	
3. a)	The sum of two numbers 8 and 3	is 11 and b) 9 a	-		he numbers are? 7 and 4	d)	6 and 5 📀	
4.	In measuring the sides of a rectangle there is an excess of 5% on one side and 2% deficit on the other then the error percentage in the area is-							
a)	3.3	b) 3.0	0	c)	2.9 📀	d)	2.7	
5.	Fill the missing number							
		8	3	21				
		6	5	25				
		12	2	?				
a)	24	b) 19	)	c)	22 📀	d)	20	
6.	Two third of the people in					of the people	are standing . If	
a)	there are 6 empty chairs. 72	b) 36			32	d)	27 📀	
7.	A circle and two distinct l intersection of these figu		lrawn on a sho	eet of paper.W	/hat is the largest p	ossible numl	per of point of	
a)	3	b) 7		c)	9	d)	5 📀	
8.	Five friends were travelling by train between station A and B. Each one get down at a different station one after the other Nitin gets down before Lata and Shikha but not before Sunil. Anil is not the last to get down .Who got down first from the train?							
a)	Sunil	b) Nitii	n	c) Sł	nikha	d) Can	not be determined	
9. a)	In a certain code RAIN is v 8@7\$%6 📀		ıs 8\$%6 and № ⊉#\$%6		n as 7 #8@ .How is #@&\$%6		ten in that code #@7\$%6	
10. a)	If there are 36 spokes in a 15 <sup>0</sup>	bicycle b) 12		he angle betw c)		ent spokes is d)	18 <sup>0</sup>	
11. a)	1 hectare = 10 m <sup>2</sup>	b) 10	10 m²	c)	1000 m <sup>2</sup>	d)	10000 m² 📀	

<ul> <li>12. How many sectors are the</li> <li>a) 24</li> <li>b) 20</li> <li>c) 32</li> <li>d) 40 </li> </ul>	re in the following figure ?						
<ul> <li>13. How many triangles are th</li> <li>a) 11 </li> <li>b) 13</li> <li>c) 10</li> <li>d) 12</li> </ul>	ere in the given figure ?						
<ul><li>14. Name the film based on Sr</li><li>a) The Man Who Knew Infinit</li><li>b) A Beautiful Mind</li></ul>	· ·	c) Gifted d) X + Y					
	•	n the scale of 0 to 100. he gave hi was his rating for Ramanujan? c) 75	mself a score of 25, J. E. d) 100 📀				
	en is to be developed around	where in the figure. He wants to condition the house. Find the total cost of $\int_{25 \text{ m}} \int_{1000000000000000000000000000000000000$					
17. Identify the figure that completes the pattern.							
a) 1	$ \begin{array}{c}                                     $	$ \begin{array}{c}     \hline         \\         (c) \\         (c) \\         (c) \\         (c) \\         (4)     \end{array} $	d) 4 🐼				
18. 21, 25, 33, 49, 81, ?	~, 2	0, 0	u) + 🗸				
a) 145 💛	b) 132	c) 113	d) 101				
<ul><li>19. In certain language MATHI</li><li>a) TUBUGTUGDT</li></ul>	EMATICS is coded as 'NBUIFI b) TUBUJTUGDT	NBUJDT', how is STATISTICS code c) TUBUJTUJDT 📀	ed in that language? d) TUBUJTUJBT				
20. If @ means - , # means ×, - a) 150	& means ÷ and \$ means +. V b) 95	alue of 125&5#4\$20@30 is c) 80	d) None of these 📀				
21. If 20 men consume a certa		s, in how many days will 8 men co	· · · · · · · · · · · · · · · · · · ·				
quantity of rice? a) 35 📀	b) 45	c) 30	d) 25				
<ul><li>22. Choose the correct alterna</li><li>a) 8000</li></ul>	itives that will continue the s b) 50000	same pattern 8, 40, 200, 1000, c) 5000 📀	 d) None of these				
23. In the given series 7 8 6 2 5 a) 2,3,5	5 3 8 5 9 3 6 8 5 9 6 2 3 6 6 3 b) 4,5,6	2 5 8, Which digits have equal fre c) 3,6,8	equency? d) 3,5,8 📀				



