## PRITHWI SECONDARY BOARDING SCHOOL

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## **ANNUAL EXAMINATION - 2077**

**Grade: V** Full Marks: 50 Subject: Compulsory Mathematics Time: 1 hour 30 minutes Pass Marks: 20

	Group A: $[20 * 1 = 20]$					
1.	$\varepsilon$ 1					
	a. Which one of the following i.100000	ii.100000000	iii.10000000			
	1.100000	0	111.10000000			
	b. Which is the smallest 6-dig	•				
	i.600000	ii.666666	iii.10000			
	c. Which one is the prime nur					
	i. 91	ii. 95	iii. 97			
	d. What is the quotient of 72000÷900?					
	i. 80	ii. 800	iii. 8			
	e. The prime factors of 24 are	:				
	i.2, 2, 3	ii.2, 2, 2, 3	iii.2, 3, 3			
	f. What is the H.C.F. of 4 and	8?				
	i.12	ii.8	iii.4			
	g. What is the L. C. M. of 15					
	i. 5	ii. 60	iii. 120			
	h. Which one is the square nu	_				
	i. 16	ii. 18	iii. 20			
	i. What is the cube root of 8?	4	2			
	i. 6	ii. 4	iii. 2			
	j. Which one is the improper fraction equal to the mixed number $5\frac{3}{5}$ ?					
	$1.\frac{13}{5}$ $11.\frac{28}{5}$	75 111. <del>5</del>				
	28 11. <del>28</del>	Ü				
	5 , 6					
	-and					
	k. 8 9 are: i. unlike and proper fract	on iii. unl	ika and improper fraction			
	ii. like and improper fract	ion	ike and improper fraction			
	1. What is the value of $\frac{2}{3}$ of R	30?				
	i. 10	ii. 15	iii. 20			
	m. What is the product of $\frac{2}{3}$	$\frac{3}{4}$ ?				
	$i.\frac{1}{2}$	ii.2	:::. <del>6</del> ::1. <del>8</del>			
	$\frac{1}{2}$ n. What is the difference of 0.	5 – 0.05?	8			
	i.0.45	ii.0.55	iii.0			

	o. What is the produ	ct of 3.2 x 8?			
	i.246	ii.25.6	iii.2.56		
	p. What is the quotie	ent of 2.5 ÷0.5?			
	i.0.5	ii.5	iii.50		
	q. What is the value	of 20% of 40?			
	i.4	ii.8	iii.12		
	r. How many minutes are there 2 hours?				
	i.60 min	ii.90 min	iii.120 min		
	s. How many hours in 6:45 p. m. in 24-hour clock system?				
	i.18:45	ii.15:45	iii.12:45		
	t. What is the sum o				
	i.1 hour	ii. 1 hour 10 min	iii.2 hours		
		Group B: $[10 * 1 = 10]$			
2.	Fill in the blanks.				
	a. The numbers	that can be divided by 2 are called	numbers.		
	b. The product of two numbers is 42 and one of them is 7. The other number is				
	c. Cube root of 2	27 =			
		tors of 15 areand			
	-	ace of 7 isand place value is			
	f. The reciprocal of is				
	g. If the rate o	f cost of eraser is Rs 5 per piece,	the cost of 6 eraser is		
		months in 2 years 6 months.			
		days in 2 weeks 4 days.			
	j. 1 leap year =	days.			
		Group C $[5 * 4 = 20]$			
3	Simplify: $5 \times 114 = (1$	$7 \pm 7) \div 6$			

- 3. Simplify:  $5 \times \{14 (17 + 7) \div 6\}$
- 4. The cost of a book is Rs. 280.70 and the cost of a pen is Rs. 45.50. Find the total cost of these two items.
- 5. There are 400 students in a school and 45% of them are girls.
  - a. Find the number of girls.
  - b. Find the number of boys.
- 6. The cost of 5 books is Rs1500.
- 7. Find the cost of one exercise book.
- 8. Find the cost of 8 books.
- 9. Garima bought a watch for Rs 1200 and sold it for Rs 1260.
  - a. Find her profit.
  - b. Find her profit percent.

Best Wishes!!!