

(say, yes or no):

406839

Swotters Academy

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Tes	t / Exam Name: Playi	ng_with_numbers_c	Subject: Mathematics					
Student Name:			Section:	Roll No.:				
				Questions: 11 Time: 00:35 hh:mm	Marks: 20			
In	structions							
2. 3.	Keep proper timer Compulsorily write proper Honesty is the best policy Make you work tidy		o the rough work on right sid	de				
			SECTION-A					
Q1.	What are the three comm	non multiples of 18 and 6?			1 Mark			
Q2.	A 18, 6, 9 Mark the correct alternat 5*2 is a three digit number		C 36, 54, 72 If the number is divisible by	D none of these 6, the missing digit is.	1 Mark			
	A 2	B 3	c 6	D 7				
Q3.	The prime number which	comes just after 43 is			1 Mark			
Q4.	A 49 B 45 C 47 D none of these HCF of co-prime numbers 4 and 15 was found as follows by factorisation: 4 = 2 × 2 and 15 = 3 × 5 since there is no common prime factor, so HCF of 4 and 15 is 0. Is the answer correct? If not, what is the correct HCF?							
Q5.	Find the greatest number that will divide 43, 91 and 183 so as to leave the same remainder in each case.							
	A 4	B 7	c 9	D 13				
			SECTION-B					
Q6.	Without actual division sh 11011	now that 11 is a factor of tl	ne following numbers:		2 Marks			
Q7.	Can two numbers have 12 as their HCF and 512 as their LCM? Justify your answer.							
Q8.	Write the largest 4-digit n	umber and give its prime t	actorization.		2 Marks			
			SECTION-C					
Q9.	Reduce the following frac $\frac{161}{207}$	tions to the lowest terms:			3 Marks			
Q10	Find the LCM of the numb 144, 180, 384	pers given below:			3 Marks			
Q11	. Using divisibility tests, de	termine which of the follo	wing numbers are divisible by	2; by 3; by 4; by 5; by 6; by 8; by 9; by 10; by 11	3 Marks			

Ni	Divisible by									
Numbe	2	3	4	5	6	8	9	10	11	
128	Yes	No	Yes	No	No	Yes	No	No	No	
990										
1586										
275										
6686										
639210										
429714										
2856										
3060										