සියලුම නිම්කම් ඇව්රිණි ]						
All R	Rights Reserved]	C				
F	RAM	RAN	(RECALL ALL MEI	MORY)	03	
சுமிகக் குறிக் குக் குறிக் குக் கிறிக் க கல்விப் பொதுத் தராதரப் பத்திர(உயர் தர)ப் பரீட்சை, 2023 ஓகஸ்ற்						
<b>2023</b> General Certificate of Education (Adv. Level) Examination, August 2023						
සොතික විදාාව I   ඉට් ආ නිස්තිය මට් ආ නිස්තිය						
			Physics	I	ļ	
Multiple Choice Questions						
1.	The mass of an empty beaker is 100.082 g. Its mass with a certain amount of water is 191.953 g. The mass of the wate is,					
		g (2) 89.871	~ (3) 90 871 σ	(4) 190.871 g	(5) 01 971 σ	
	(1) 71.704 3	(2) 07.0/1	g (3) 70.0/1 g	(4) 170.071 g	(5) 91.0/1 g	
					Α	
2.	MN and KI	are the perpendicu	llars drawn to the sides AB		Â	
-	and AC res	pectively in the given	n traingle. The value of the		600	
	angle marked as a is, (1) 30° (2) 60°				/	
	$(3) 90^{\circ}$	$(2) 60^{\circ} (4) 120^{\circ}$		ĸ	M	
	(5) 75°	• •		/		
				/	N <sup>√</sup> ↓a \ L	
				В		
					C	
3.			is $E = 1/2mo^2$ , when the mas elocity must be changed into		v. To double the kinetic energy	
	(1) Two time		(2) Four times.	(3) Half.		
	(4) $\sqrt{2}$ times		(5) Three times.	(*)		
	(4) <b>¥2</b> time:	5.	(5) Three times.			
4.		ength of a wire is made to four times as the initial due to the increase of temperature. The percentage of increased				
	0		rement in temperature is,	100.0/		
	(1) 400 %	(2) 4 %	(3) 300 %	(4) $\frac{100}{3}$ %	(5) 125 %	
				č		
5.	5. When T = 10 <sup>2</sup> and m = 0.01 in V = $\sqrt{\frac{T}{m}}$ , V is equal to,					
	(1) 10000	(2) 1000	(3) 100	(4) 0.1	(5) 0.001	

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