

General Certificate of Secondary Education

Science A 4461

Physics 4451

PHY1A F & H

Objective Test Answer Keys

March 2007 examination series

Answer keys are prepared by the Principal Examiner and considered, together with the relevant questions, by a panel of subject teachers.
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PHY1A (Energy and Electricity) Foundation Tier

Question	Key							
One	A	heat	4					
	В	light	1					
	C	movement	2					
	D	sound	3					
Two	A	coal-fired pow	ver stations 4					
	В	geothermal po	wer stations 1					
1,,0	C	nuclear power	stations 3					
	D	tidal power sta	ations 2					
	A	conduction	3					
Three	В	convection	4					
	C	radiation	1					
	D	reflection	2					
	A	0.9	4					
	B	10	1					
Four	C	30	2					
	D	360	3					
		300						
	A The turbine turns the generator.			4				
	В	Radiation is re	eflected onto the pipe.	1				
Five	C	Steam drives t	3					
	D	D Water in the pipe absorbs energy.						
	D Water in the pipe absorbs energy. 2							
	A	conclusion	3					
Six	В	control	1					
Six	C	environment	4					
	D	evidence	2					
			.	~		-		
		A	В	C		D		
Seven		4	3	2		3		
Eight		1	1	4		2		
Nine		3	3	3		2		

PHY1A (Energy and Electricity) Higher Tier

Question		Κ	Key				
One	A conclusion	3	3				
	B control	1	1				
	C environmer	4	4				
	D evidence	2	2				
Two	A free electro	ns 4					
	B ions	3					
	C particles	1					
	D waves	2					
		_					
	A	В	C	D			
Three	1	1	4	2			
Four	3	3	3	2			
Five	4	2	4	4			
Six	3	1	4	3			
Seven	4	4	4	2			
Eight	1	2	4	2			
Nine	3	1	2	1			