

GCSE

Science A (4461)

Specification A

PHY1AP, PH1ASF & PH1ASH

Mark Scheme

2008 Examination - November Series

This component is an objective test for which the following list indicates the correct answers used in marking the candidates' responses.
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GCSE

SCIENCE A (4461)/PHYSICS (4451)

Objective Test Answer Key

PHY1AP (Energy and Electricity)

Foundation Tier

Question	Key									
One	A	electrical	1							
	В	heat	4							
	C	light	2							
	D	sound	3							
	A	geothermal	•	3						
Two	В	(falling water)	hydroelectric	1						
1 WO	C	tides	4	4						
	D	waves		2						
	A	conduction		1						
Three	В	convection	•	3						
	C	insulation	2	2						
	D	radiation	4	4						
		771 · · · 1	4 1 4 1 4 1 1	· 1						
	A		the electricity is be		4					
Four	В		the electricity is be	1						
	C		the voltage is incre	2						
	D	This is where the voltage is decreased. 3								
	A	0.6	4							
	B	5	3							
Five										
	C	15	2							
	D	30	1							
		A	В		C	D				
Six	2		1		4	3				
Seven	1		2	,	2	2				
Eight	2		4	,	3	3				
Nine		3	3		3	4				

GCSE SCIENCE A (4461)/PHYSICS (4451)

Objective Test Answer Key

PHY1AP (Energy and Electricity)

Higher Tier

Question	Key								
One	A	0.6		4					
	В	5		3					
	C	15		2					
	D	30		1					
Two	A		*						
	В		*						
	C		*						
	D		*						
		A			В		C	D	
Three		2			4		3	3	
Four		3			3		3	4	
Five		3			1		3	2	
Six		3			2		1	2	
Seven		3			2		4	3	
Eight		3			1		2	3	
Nine		4			2		3	1	

^{*} The whole of question two was removed from the mark scheme and this test was marked out of 32.