



ASSESSMENT and
QUALIFICATIONS
ALLIANCE

General Certificate of Secondary Education

Science A 4461

Physics 4451

PHY1A F & H

Objective Test Answer Keys

November 2006 examination series

PHY1A (Energy and Electricity) Foundation Tier

Question	Key			
One	A	electrical	1	
	B	heat	4	
	C	light	3	
	D	sound	2	
Two	A	falling water	4	
	B	sunlight	1	
	C	waves	2	
	D	wind	3	
Three	A	2		
	B	3		
	C	4		
	D	1		
Four	A	boiler	1	
	B	generator	3	
	C	transformer	4	
	D	turbine	2	
Five	A	conduction	1	
	B	convection	4	
	C	insulation	2	
	D	radiation	3	
Six	A	conclusion	2	
	B	evidence	4	
	C	reliable	1	
	D	research	3	
	A	B	C	D
Seven	3	2	2	1
Eight	4	4	4	1
Nine	4	4	2	1*

* **Q9D** The awarding committee agreed that there are two possible correct answers for this question and therefore the test was marked out of 35.

PHY1A (Energy and Electricity) Higher Tier

Question	Key			
One	A	conclusion	2	
	B	evidence	4	
	C	reliable	1	
	D	research	3	
Two	A	coal	4	
	B	hydroelectric	3	
	C	nuclear	1	
	D	wind	2	
	A	B	C	D
Three	4	4	4	1
Four	4	4	2	1*
Five	3	2	2	2
Six	1	1	2	4
Seven	4	4	4	4
Eight	1	3	2	1
Nine	3	4	1	4

* **Q4D** The awarding committee agreed that there are two possible correct answers for this question and therefore the test was marked out of 35.