



ASSESSMENT and
QUALIFICATIONS
ALLIANCE

General Certificate of Secondary Education

Science A 4461

Physics 4451

PHY1B F & H

Objective Test Answer Keys

November 2006 examination series

PHY1B (Radiation and the Universe) Foundation Tier

Question	Key			
One	A	infra red rays		1
	B	ultraviolet waves		3
	C	visible light		2
	D	X-rays		4
Two	A	gamma rays		1
	B	infra red rays		3
	C	radio waves		4
	D	ultraviolet waves		2
Three	A	10		1
	B	15		3
	C	60		2
	D	200		4
Four	A	3		
	B	2		
	C	1		
	D	4		
Five	A	a distant galaxy		3
	B	a satellite		1
	C	the Earth		2
	D	the Universe		4
Six	A	bar		3
	B	categoric		1
	C	dependent		2
	D	reliable		4
	A	B	C	D
Seven	3	2	4	4
Eight	3	2	3	3
Nine	3	3	3	1

PHY1B (Radiation and the Universe) Higher Tier

Question	Key			
One	A	bar		3
	B	categoric		1
	C	dependent		2
	D	reliable		4
Two	A	current		3
	B	energy		2
	C	frequency		4
	D	substance		1
	A	B	C	D
Three	3	2	3	3
Four	3	3	3	1
Five	3	2	4	4
Six	4	4	1	1
Seven	2	1	2	2
Eight	4	4	4	2
Nine	2	2	2	2