2848

RECOGNISING ACHIEVEMENT

Mark Scheme 2848 January 2005

Abbreviations, annotations and conventions used in the Mark Scheme										
= or reverse argument	= alternative wording	= error carried forward	= (underlining) key words which must be used to gain credit	= words which are not essential to gain credit	= answers which are not worthy of credit	= separates marking points	- alternative and acceptable ariswers for the salite marking point			

molecule/bond and mark tied to a letic energy score ed by disadva to life could ever (1) so that life warming (1) so that life (s); grammatics; grammatics; grammatics; grammatics; grammatics a CON to second entering solution and entering solution and entering solution arrow hv (over arrow life over ar	Answers Theat Theat In vibrational energy score arrange followed by disadva let (1); so that life could ever warm planet (1) so that life ecaps melting/climate chare caps melting/climate chare es leaving and entering soles leaving hv (needed to give through/absorbed by glass); CIO + O (1) IGNORE c		iots) (1) mark separately	e a tan) (1) (1) must refer to radiation. NOT "re	fers to some process or "reaction".	lution (1);	ical; spelling correct (allow one erro	ond mark in the pair concerned.	nge/Gulf stream stopping/sea levek	olve (1) or can survive/ specified agricultural c	ntage unless stated	es (2) nd molecules heating up	ls vibrates/bends/stretches (1);	and the second s	
	Answers Theat Theat AWI)(1): secces in vibrational prences to kir arriage follow tet (1): so that warm planet e caps meltine es leaving arriate (1) mark set (1	Visible/ light infrared NOT heat they/carbon dioxide/CO2/tr more/faster (AW)(1); secc gain/increase in vibrationa IGNORE references to kir Assume advantages: Warmed planet (1); so tha continues to warm planet Disadvantages: Too much warming/global will lead to ice caps meltin floods (1) Mention of uv or ozone is: QWC Written in sentence CO2/ molecules leaving ar at the same rate (1)mark s The u.v. (radiation/light) (to cannot pass through/abso O3 → O2 + O(1) accept O3 + hv CIO + O2 (1); CIO + O(1)	1) IGNORE dots	hv (over arrow) (1)	needed to give a tan) rbed by glass (1) mus	separately if refers to s	nd entering solution (1	(s); grammatical; spe	a CON to second mar	warming (1) g/climate change/Gul	it life could evolve (1) (1) so that life can sur	ed by disadvantage u	etic energy and mole	nolecule/bonds vibr		