Question Number	Answer				Mark
*15a	This question assesses a student's ability to show a coherent and logically structured answer with linkages and fully-sustained reasoning. Marks are awarded for indicative content and for how the answer is structured and shows lines of reasoning. The following table shows how the marks should be awarded for indicative content.				
	IC points	C points IC mark Max linkage mark Max final mark			
	6	4	2	6	
	5	3	2	5	
	4	3	1	4	
	3	2	1	3	
	2	2	0	2	
	1	1	0	1	
	0	0	0	0	
	The following table shows how the marks should be awarded for structure and lines of reasoning.				s of
	Number of marks awarded for structure of answer and sustained line of reasoning				d
	with linkages	ys a coherent as and fully sust monstrated thro	2		
	Answer is partially structured with some linkages and lines of reasoning			1	
	Answer has no linkages between points and is unstructured			0	
	Or Wav At X/lou Or at X/ Construct Or cons When m Destruct This is v Or This (IC2 – do not) (IC6 – allow	diffract (as the res spread out and the waves floud the pathetive interfere tructive interfere tructive interfere where the wave is where the taccept phase phase differe	h/phase difference ence/superposition ference/superposit from X), path/phance/superposition were are in antiphase waves have a path	is 0 at X ion when loud se difference changes when no sound is heard e difference of $\lambda/2$ for path difference of $n\lambda$) dians)	6