Practice Question Set For GCSE

Subject : Physics

Paper-2 Topic: Waves (Low Demand Questions)

Name of the Student:



∕lax. Ma	Time: 18 Minutes					
/lark Sch	k Schemes					
Q1.						
(a)	(i)					
		correct order essential				
		(A =) a microphone				
			1			
		(B =) an oscilloscope				
		or cathode ray oscilloscope or CRO				
			1			
	(ii)	the amplitude				
		accept any unambiguous indication				
			1			
	(iii)	quieter / softer				
		do not accept less (which could refer to the amplitude, frequency o	r			
		wavelength)	1			
<i>a</i> . \						
(b)	soui	nd cannot travel through a vacuum / (empty) space / free space				
		accept there is no medium for the sound to travel through	1			
	/b.a.	and and the second form the second form of the seco				
	(bed	cause) there is / are nothing / no particles to vibrate accept (because) there is / are nothing / no particles between them a	and			
		the source (of the sound)	III G			
			1	50 7		
				[6]		
Q2.	5					
(a)	В		1			
41.	0					
(b)	G		1			
()	_					
(c)	D		1			
/ D						
(d)	Α		1			
				[4]		

Q3	8.				
	(a)	(i)	microwave	1	
	(b)	(i)	identical	1	
		(ii)	increased risk of cancerous growth (between ear and brain)	1	
			complaints of headaches and tiredness	1	
		(iii)	any two from:		
			tests in a laboratory did not give effects of tiredness or headaches		
			waves not strong enough to cause long term heat damage to cells		
			evidence to link mobile phones and ill health is not reliable	2	
					[6]
Q4	. .				
	(i)	В		1	
	(ii)	Α		1	
				1	[2]