27	Wh	What do not travel at the speed of light in a vacuum?								
	Α	electrons								
	В	3 microwaves								
	С	radio waves								
	D	X-rays								
28	A musical organ produces notes by blowing air into a set of pipes that are open at one end a closed at the other.									e end and
	What is the lowest frequency of sound produced by a pipe of length 10 m? (The speed of sound in the pipe is $320\mathrm{ms^{-1}}$.)									
	A	4 Hz	В	8 Hz	С	16 Hz	D	32 Hz		
29	29 Monochromatic light is directed at a diffraction grating as shown.									
	Which diagram shows all the possible directions of the light, after passing through the grating, that give maximum intensity?									
		A		В		(C		D	
					✓			·		-

Space for working