17	A box of weight 40 N is pushed with a horizontal force of 20 N along level ground for a distance of 2.4 m.							
	The box is then lifted at constant velocity through a height of 1.6 m by a vertical force.							
	What is the total work done on the box by the two forces?							
	Α	80 J	В	110 J	С	120 J	D	160 J
18	3 Which statement about efficiency is correct?							
	A Efficiency does not have a unit.							
	B The joule is a unit of efficiency.							
	C The metre is a unit of efficiency.							
	D	The watt is a u	nit of	f efficiency.				
19	A plane wave of amplitude A is incident on a surface of area S placed so that it is perpendicular to the direction of travel of the wave. The energy per unit time reaching the surface is E . The amplitude of the wave is increased to $2A$ and the area of the surface is reduced to $\frac{1}{2}S$. How much energy per unit time reaches this smaller surface?							
	Α	4 <i>E</i>	В	2 <i>E</i>	С	E	D	<u>1</u> E