17	A body travelling with a speed of 10 m s ⁻¹ has kinetic energy 1500 J.							
	If the speed of the body is increased to $40\mathrm{ms}^{-1}$, what is its new kinetic energy?							
	Α	4500 J	В	6000 J	С	24 000 J	D	1 350 000 J
18	Which process does not require energy to be supplied?							
	Α	boiling						
	В	evaporation						
	С	freezing						
	D	melting						
19	$1.5~{\rm m}^3$ of water is mixed with $0.50~{\rm m}^3$ of alcohol. The density of water is $1000~{\rm kg}~{\rm m}^{-3}$ and the density of alcohol is $800~{\rm kg}~{\rm m}^{-3}$.							
	What is the density of the mixture with volume 2.0 m ³ ?							
	A	850kg m^{-3}	В	$900\mathrm{kg}\mathrm{m}^{-3}$	С	$940\mathrm{kg}\mathrm{m}^{-3}$	D	950kg m^{-3}
Space for working								