17	A man has a mass of 80 kg. He ties himself to one end of a rope which passes over a single fixed pulley. He pulls on the other end of the rope to lift himself up at an average speed of 50 cm s ⁻¹ .							
	What is the average useful power at which he is working?							
	A	40 W	В	0.39 kW	С	4.0 kW	D	39 kW
18	Which process does not require energy to be supplied?							
	Α	boiling						
	В	evaporation						
	С	freezing						
	D	melting						
19	$1.5~\text{m}^3$ of water is mixed with $0.50~\text{m}^3$ of alcohol. The density of water is $1000~\text{kg m}^{-3}$ and the density of alcohol is $800~\text{kg m}^{-3}$.							
	What is the density of the mixture with volume 2.0 m ³ ?							
	Α	850kg m^{-3}	В	900kg m^{-3}	С	940kg m^{-3}	D	$950\mathrm{kg}\mathrm{m}^{-3}$
Space for working								