(a) D	vistinguish between gravitational potential energy and elastic potential energy.
	[2
	ball of mass $65g$ is thrown vertically upwards from ground level with a speed of $6\mathrm{ms^{-1}}$ . Air resistance is negligible.
(i	Calculate, for the ball,
	1. the initial kinetic energy,
	kinetic energy = J [2
	2. the maximum height reached.
	maximum height = m [2
(ii	The ball takes time $t$ to reach maximum height. time $\frac{t}{2}$ after the ball has been thrown, calculate the ratio
	potential energy of ball kinetic energy of ball
(iii	ratio =
	[1