Question Number	Answer	Mark
12(a)	It's the force / stress beyond which the cable does not return to its original length when the force / stress is removed **(1)**	**1**
12(b)(i)	Use of $\varepsilon = \Delta x/x$ **(1)** $\varepsilon = 0.021$ **(1)** Example of calculation $\varepsilon = 0.126\ \text{m} \div 6\ \text{m} = 0.021$	**2**
12(b)(ii)	Use of $\sigma = F/A$ **(1)** $\sigma = 1.4 \times 10^9\ \text{Pa}$ **(1)** Example of calculation $\sigma = 1.34 \times 10^6\ \text{N} \div 9.6 \times 10^{-3}\ \text{m}^2 = 1.40 \times 10^9\ \text{Pa}$	**2**
	Total for question 12	**5**