

Question 13 (8 marks)

Many products are designed to have a limited 'lifespan' – that is, they are designed to be replaced rather than repaired.

- (a) Give reasons why designers develop new products with a limited 'lifespan'.

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designers develop new products with a limited lifespan because it's easier to buy a new product than be replacing parts of the product all the time.

- (b) Explain the effects on society and the environment of designing products with a limited lifespan.

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The effects on society and environment for designing products with a limited lifespan are either the product has a long or short lifespan products with long lifespans effects on the environment are less materials being used, and on society less time you have to buy parts or new products. Short lifespans affect the environment because you have to build more to keep up with the demand. Also it cost society a lot more money because the life span runs out and they have to buy another product.