

Name: \_\_\_\_\_

Grade: /13

### Environmental Impact

Answer the questions below in the spaces provided.

1. Whether at home, work or on the move, computers need energy to work. There are many traditional methods of producing energy that are unsustainable and negatively affect the environment.



a) State **one** traditional method of providing energy and explain how this method negatively affects the environment. (2)

Method: \_\_\_\_\_

Explanation: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

b) Companies are now developing ways to produce energy with less impact on the environment. State **one** modern method of producing energy that reduces the negative impact on the environment. (2)

Method: \_\_\_\_\_

Explanation: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

c) State **two** ways in which a computer user can save energy. (2)

1. \_\_\_\_\_

2. \_\_\_\_\_

2. Companies that produce electrical equipment are governed by the 'Waste Electrical and Electronic Equipment' regulations (WEEE).



- a) Explain how a computer user must dispose of their electrical computer equipment. (1)

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- b) State **two** processes that the disposed equipment should go through. (2)

1. \_\_\_\_\_

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2. \_\_\_\_\_

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3. a) State **one** concern that a computer user may have when disposing of their old computer system. (1)

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- b) Describe **one** solution to the concern stated in question 3a. (1)

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4. Using a computer system adds to the *carbon emissions* being released into the atmosphere.

Describe **two** ways in which computers add to the carbon footprint of the planet. (2)

1. \_\_\_\_\_

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2. \_\_\_\_\_

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