YEAR 9 THEORY –1 Impact of new & emerging technologies Name: --------------

1) Market pull is when products are developed in response to market sales/strengths.

Give 2 examples of what influences market pull.

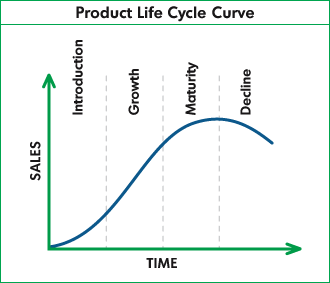
i)----------------------------------------------------------------------------

------------------------------------------------------------------------(2 marks)

ii) ------------------------------------------------------------------------

-----------------------------------------------------------------------(2 marks)

2) The Product Life Cycle below shows the sales of laptops at each stage throughout its life cycle.



1. Describe what happens during the introduction/launch stage of the product. (2 marks)

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1. What does planned obsolescence mean?. (1 mark)

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1. Give an advantage and disadvantage for planned obsolescence (2 marks)

Advantage -------------------------------------------------------------------------------------------------------------------------------

Disadvantage ----------------------------------------------------------------------------------------------------------------------------

1. What does the term “Global production” mean? (2 mark)

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1. What does the symbol below mean when on a product? (1 mark)



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1. The “Consumer Rights Act” gives consumers a number of rights to protect them when buying products.

If a product is unsatisfactory, how many days do you have to receive a full refund? (1 mark)

------------- days.

1. What does the term “sustainable design” mean? (2 marks)

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1. What does the term “CAD” and “CAM” stand for? (4)

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| --- | --- |
| CAD | **C**omputer  **A**------------------ **D**---------------------------- |
| CAM | **C**omputer **A**------------------**M**------------------------------- |

1. CNC is a term used in manufacture. Complete the blank below (1 mark)

Computer N--------------------------- Controlled

9) Many different types of CAM machinery is used in the manufacture of products, including a “Vinyl cutter”

Describe what a “Vinyl cutter” does. (1 mark)

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What products is it commonly used for? (1 mark)

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Total marks= your mark /22 Percentage= Grade=