Homework 1: Industry and enterprise

# 1. The automotive industry makes use of robotics in production line manufacturing.

(a) Describe **two** factors that make the production of cars suitable for automated   
assembly line manufacture. [4]

(b) The introduction of robotics and automation in industry has impacted the design of the workplace.

(i) Explain **one** way in which automation may affect the physical layout of a   
parts warehouse. [2]

(ii) Explain **one** way in which automation may have changed systems and procedures in picking and packing items from the warehouse. [2]

# 2. The invention of a new and emerging technology often requires significant investment for product development and advertising before it can become mainstream.

Explain **one** method a small organisation might employ to increase funding or awareness of their new product. [2]

Total 10 marks