

# PRODUCTION LINES - EXAMINATION QUESTIONS

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**USEFUL LINK:** <https://technologystudent.com/prddes1/prodline1.html>

1. In simple terms, describe a production / assembly line. **5 marks**

You may wish to mention the following key words / phrases:

COMPUTER CONTROL - TASKS - PEOPLE / WORKERS - ASSEMBLY

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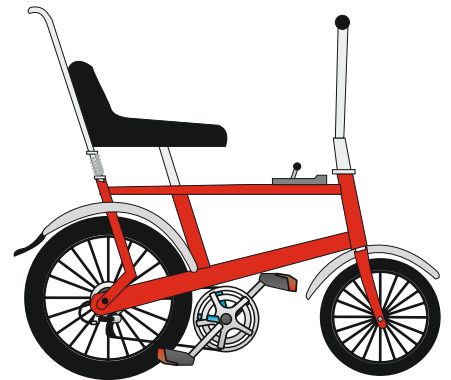
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2. A typical bicycle (shown opposite), is to be assembled on a production/assembly line. Using the incomplete diagram of the production line drawn below - complete the diagram by adding a drawing of each component / part of the bicycle, in what you consider to be the correct place, on the assembly line. **7 marks**

The frame moves along the assembly / production line and the component parts are added, until the bicycle is complete.

THE NUMBER OF COMPONENTS / PARTS ARE LISTED BELOW



SPROCKETS                  SEAT                  REAR WHEEL                  FRONT WHEEL                  MUD GUARDS  
   HANDLE BARS                  GEAR STICK

WORKSTATION 1



WORKSTATION 3



WORKSTATION 5



WORKSTATION 7



WORKSTATION 2



WORKSTATION 4



WORKSTATION 6



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3. Industry has found that production / assembly lines have certain advantages. List the advantages below. In your answer, mention the following key words / phrases. **5 marks**

**SPEED      EFFICIENCY      COST EFFECTIVENESS**

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4. Describe / explain one **disadvantage** of production / assembly lines. **2 marks**

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