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DESIGN AND TECHNOLOGY REVISION BOOKLET

6

WORLD ASSOCIATION OF TECHNOLOGY TEACHERS

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PRODUCTION SYSTEMS - BOOKLET 1

WHAT IS A PRODUCTION LINE?

WHAT IS AN ASSEMBLY LINE?

INTRODUCTION TO SCALES OF PRODUCTION

CLIENTS, CUSTOMERS, SERVICE AND MANUFACTURING

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SUITABLE REVISION MATERIAL FOR:

**PRODUCT DESIGN
RESISTANT MATERIALS
GRAPHIC PRODUCTS
DESIGN AND TECHNOLOGY**

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PRODUCTION LINES

LINK TO HELP AND INFORMATION <https://www.technologystudent.com/prddes1/prodline1.html>

1a. In simple terms, describe a production / assembly line. You may wish to mention the following key words / phrases: **4 marks**

COMPUTER CONTROL - TASKS - PEOPLE / WORKERS - ASSEMBLY

1b. Industry has found that production / assembly lines have certain advantages. List the advantages below. In your answer, mention the following key words / phrases. **3 marks**

SPEED

EFFICIENCY

COST EFFECTIVENESS

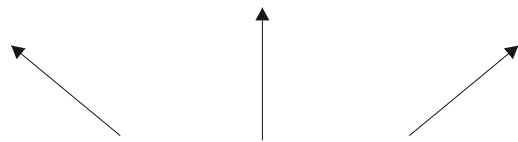
SCALES OF PRODUCTION

LINK TO HELP AND INFORMATION

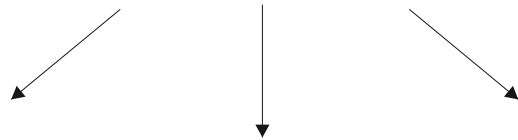
<https://www.technologystudent.com/joints/scalep1.htm>

2a. Write key phrases for each of the scales of production listed below. Arrange the words / phrases around the scale of production.

2c. List five products manufactured through each of the scales of production.



CONTINUOUS
PRODUCTION



PRODUCTS

1. _____
2. _____
3. _____
4. _____
5. _____

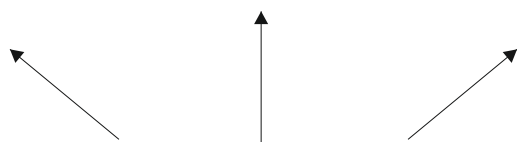


BATCH
PRODUCTION

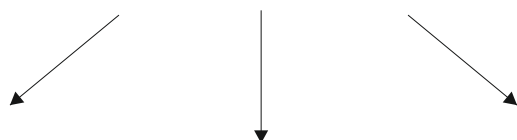


PRODUCTS

1. _____
2. _____
3. _____
4. _____
5. _____



SINGLE ITEM/
ONE OFF



PRODUCTS

1. _____
2. _____
3. _____
4. _____
5. _____

THE CLIENT / CUSTOMER

LINK TO HELP AND INFORMATION <https://www.technologystudent.com/prddes1/custom1.html>

3a. What is the difference between a CUSTOMER and a CLIENT ? **4 marks**

LINK TO HELP AND INFORMATION [SEARCH THE INTERNET FOR THE ANSWER](#)

3b. What is the difference between a SERVICE INDUSTRY and MANUFACTURING INDUSTRY ? Give an example of a service and manufacturing industry to help explain your answer. **4 marks**

LINK TO HELP AND INFORMATION [SEARCH THE INTERNET FOR THE ANSWER](#)

3c. Name one well known company that is a provider of services AND name one well known company that manufactures. **2 marks**

SERVICE COMPANY

MANUFACTURING COMPANY
