

COMMERCIAL MANUFACTURING PRACTICES

Examination questions

Answer all the following questions which have been taken from past papers. The mark allocation for each question is given in brackets at the end of each question.

Read the questions carefully.

The most appropriate system for manufacturing shirts is the progressive bundle system. Explain how this system works. [4]

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In industry many sports bags would be cut out at the same time. Explain how this is achieved and name the specialist equipment used. [4]

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Explain what is meant by the following terms.

Die cutter [2]

Meaning:.....

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Cell production [2]

Meaning:

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Describe **one** advantage of using computer integrated manufacture (CIM) in the fashion industry. [3]

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The picture below shows a factory system for cutting out different pieces to make jackets.



Describe **two** features of the industrial system shown above that make it a suitable method for mass production.

Feature 1: [2]

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Feature 2: [2]

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CAD has brought many benefits to textile manufacturers.

State what the initials **CAD** stand for. [2]

Computer A..... D.....

The picture below shows a lay plan for cutting out fabrics using computer software.



Explain the advantages of using a CAD system to plan fabric cutting. [3]

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List the 4 main types of production system. [4]

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2.
3.
4.

Some parts of a product can be made on a sub-assembly line. Describe briefly what this is. [2]

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Explain what type of production would be used to manufacture simple red and white Santa hats at Christmas. [2]

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Describe **one** advantage for the workforce in using cell production. [2]

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State what the initials JIT stand for. [1]

J..... I..... T.....

Give **one** advantage of a JIT production system. [1]

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List **one** disadvantage of JIT production. [1]

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