

5. a) What does CAD stand for? (1 mark)

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b) Describe two ways in which CAD could be used in the design of products. (2 marks)

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6. Give three ways in which products can be tested against a specification. (3 marks)

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7. What is the advantage to the environment of using plastic products which are suitable for recycling?  
( 1 mark)

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8. Many products are designed for planned obsolescence. Describe two effects that this may have on the design of a product. (2 marks)

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9. A self-assembly book rack is made from chipboard covered in veneer and joined together using knock-down fittings. Describe two ways in which the book rack makes use of materials in an environmentally-friendly way. (2 marks)

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10. Explain two safety issues that a designer should be aware of when designing for young children. (2 marks)

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11. Both wooden and plastic patio seats are available at a supermarket.

a) State two reasons why a consumer might choose to buy a wooden chair. (2 marks)

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b) State two reasons why a consumer might choose to buy a plastic chair. (2 marks)

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12 State two safety features that need to be considered when designing lighting. (2 marks)

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### How did you do?

1-3 correct .....start again

4-6 correct .....getting there

7-9 correct .....good work

10-12 correct .....excellent