

6. a) What type of frictional locking device could be used to secure a nut onto a machine bolt? (1 mark)

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b) State a type of permanent fixing method that could be used to join two pieces of brass together. (1 mark)

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c) Give two precautions you would take to ensure a good joint. (2 marks)

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7. A milk-bottle rack is to be made from 6 mm diameter BDMS bar which has been brazed together.

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a) Describe a finish that could be used for the rack. (1 mark)

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b) Describe how the wire could be prepared ready for finishing after brazing. (2 marks)

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8. a) How can you avoid splitting wood when planing across the grain?

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b) Describe the measures you would take to successfully screw two pieces of i) hardwood ii) softwood. (2 marks)

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9. State how marks left from the filing of mild steel can be removed. (1 mark)

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10. a) What are vee blocks and clamps used for? (1 mark)

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b) What is the purpose of a surface plate and surface gauge? (1 mark)

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How did you do?

1-2 correctstart again

3-5 correctgetting there

6-8 correctgood work

9-10 correctexcellent