

QUESTION 1

1. Why is health and safety important in the workshop?

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2. What is the first step you will take if your colleague gets hurt while using a hand chisel?

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3. What is first aid?

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4. What do you understand by the term Personal Responsibility?

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5. List at least 4 Personal Protective Equipment.

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6. List and explain 4 Elements of Design.

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1. What is a design specification?

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2. Who is an Entrepreneur?

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3. What does REALIZATION means?

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4. What is the formal for gross profit margin?

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5. List and explain any four types of principles of design?

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6. What is light and shadow in elements of design?

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QUESTION 2 ENGINEERING MATERIALS

1. What are the classifications of materials?

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2. What is softwood and hardwood?

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3. List two advantage and two disadvantage of softwood and hardwood?

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4. What are the differences between softwoods and hardwood?

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5. List and explain the different types of seasoning?

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6. What are manufactured boards?

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7. List down the process of manufacturing core board?

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8. What are timber defects?

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9. What are the classifications of defects?

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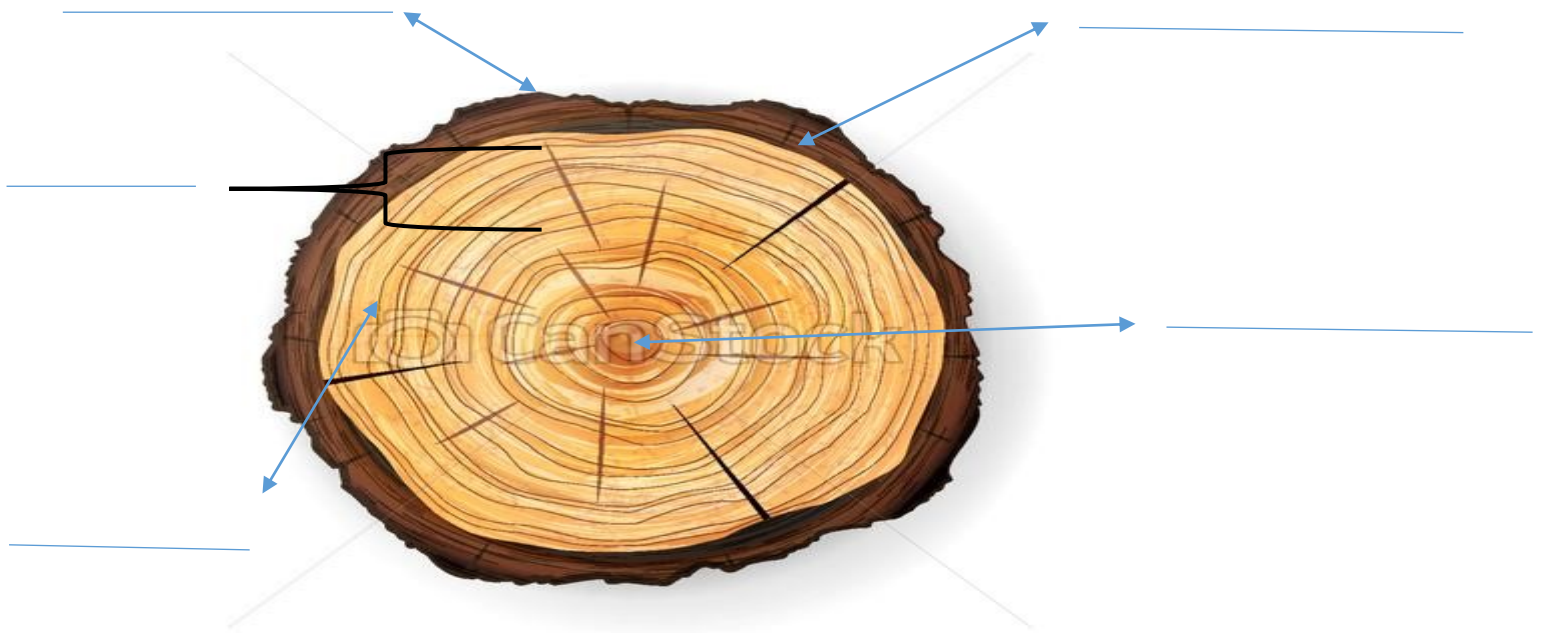
10. List and explain the 4 types of shakes in the timber?

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11. List down the common metallic materials?

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12. Label the parts shown in the diagram?



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13. What are the advantages and stability of plywood?

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14. What are the advantages of core board?

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15. What are ferrous and non-ferrous metals?

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16. Explain the term Thermoset and Thermoplastic with example?

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17. What are the classifications of composites?

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18. List and explain the methods of testing the concrete?

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19. List and explain the 3 types of abrasive backing?

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20. Name any 3 wood finishing materials?

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