



1. (a) List **THREE** fixing operations where a cartridge operated (ballistic gun) tool would be used;
- (b) Describe how the strength of a cartridge is indicated.

(a) 1.

2.

3.

(b)

2. Complete the table below to indicate where each of the types of adhesives listed may be used and include **ONE** reason for your choice.

Adhesive	Situation Used	Reason
Polyvinyl Acetate		
Synthetic Resin		
Contact		

3. A room measures 5.500 m x 4.000 m and is covered with Tongued & Grooved (T&G) flooring. Calculate the area of the floor in m<sup>2</sup>, adding on 10% for waste.

Area Of Floor =	
10 % For Waste =	
Total =	

4. Describe and sketch the method of repairing a lock stile of a four panel door which has been damaged in an attempted break-in.
5. The common furniture beetle (*Anobium Punctatum*) is the most widespread household wood boring pest in the U.K. Give **THREE** examples of identification of insect infestation.
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
6. Describe and illustrate **THREE** methods of secret fixing wall panelling.

7. Figure 1 shows details of kitchen fitments.
- (a) Name the components indicated;
- (b) Describe the methods used for two of the following situations :-
- Levelling the base unit to an uneven floor;
  - Scribing the worktop to an uneven wall;
  - Adjusting the top unit for aligning the doors.

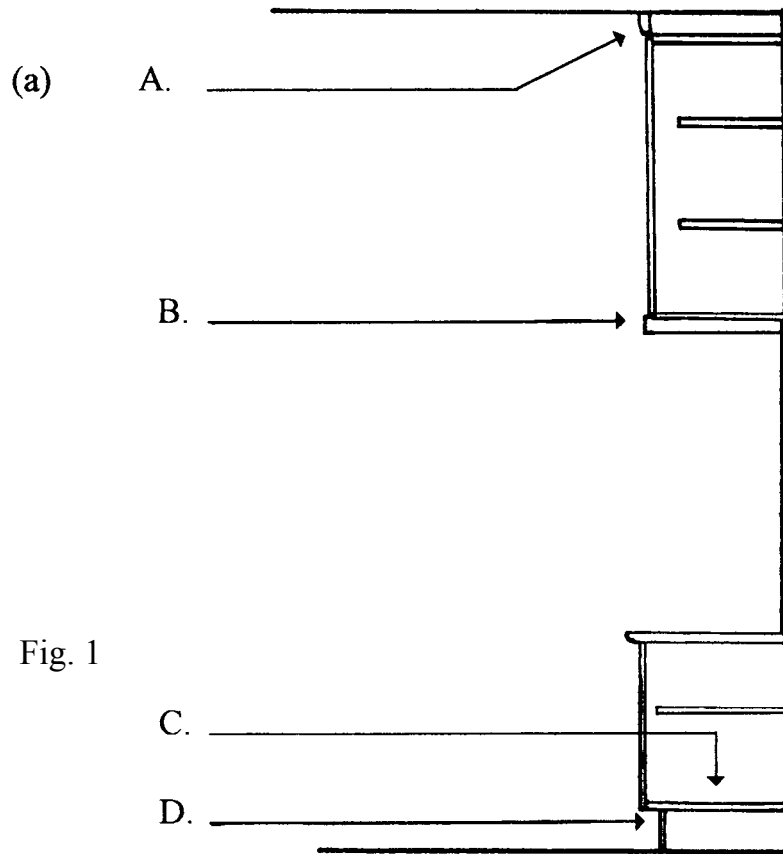


Fig. 1

- (b) (i)
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- (ii)
- 
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- 
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- (iii)
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8. Sketch the cross-section of a tree trunk, and indicate on the sketch the location and the name of **FIVE** of its parts.
9. (a) Explain **TWO** advantages of using Double Glazed window units in house construction.  
(b) Describe the signs that indicate that a unit has ceased functioning.
- (a)1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
- (b) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
10. With the aid of sketches, describe the correct positions of the bridge guard when preparing 175 mm x 50 mm timber section, on a surface planer prior to thicknessing.

11. (a) State the use of a scale rule;  
(b) State the true length of a 15 mm long line that has been drawn to a scale of 1:20;  
(c) Complete the drawing at figure 2 to form the outline for a segmental arch.

a.

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b.

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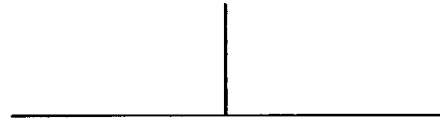


Fig. 2

12. Describe using notes and sketches the methods used to secure a straight flight staircase at :-  
(a) The Landing;  
(b) Onto the existing timber ground floor.

13. Describe why plinth blocks are used at the base where moulded architraves and skirtings intersect.

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14. State a type of personal protective equipment which should be used in each of the following situations:-

Situation	Protective Equipment
Operating a woodworking machine	
Unloading timber from a delivery	
Site footwear	
Using ballistic tools	

15. Figure 3 shows a plan view of a timber stud partition faced both sides with plasterboard. Complete the drawing to show a method of construction for a servery hatch including names and dimensions.

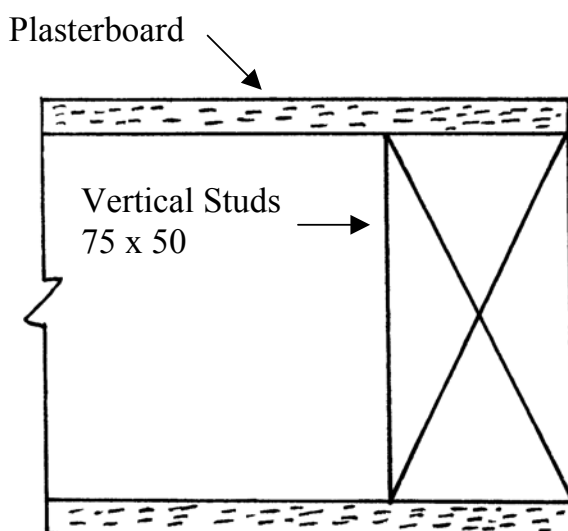


Fig. 3

16. Complete the table below to indicate a suitable situation for each of the preservative types listed and include a different method of application for each.

Preservative	Situation	Application
Tar Oils		
Organic Solvent		
Water Borne		

17. List the ironmongery required to hang and secure a hardwood panelled external door.

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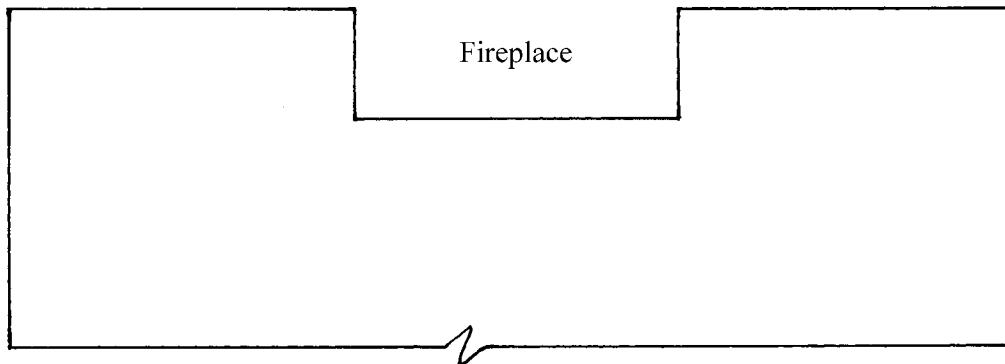
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18. Describe and illustrate **TWO** methods of storing roof trusses on site.

19. Figure 4 shows a plan view of a proposed upper floor with a fireplace opening. Complete the drawing to show the Trimmer, Trimming and Trimmed joists around the opening.

Fig. 4



20. Figure 5 shows a vertical broken section through an internal door opening to a kitchen. Complete the drawing to show the methods used to suspend a sliding door.

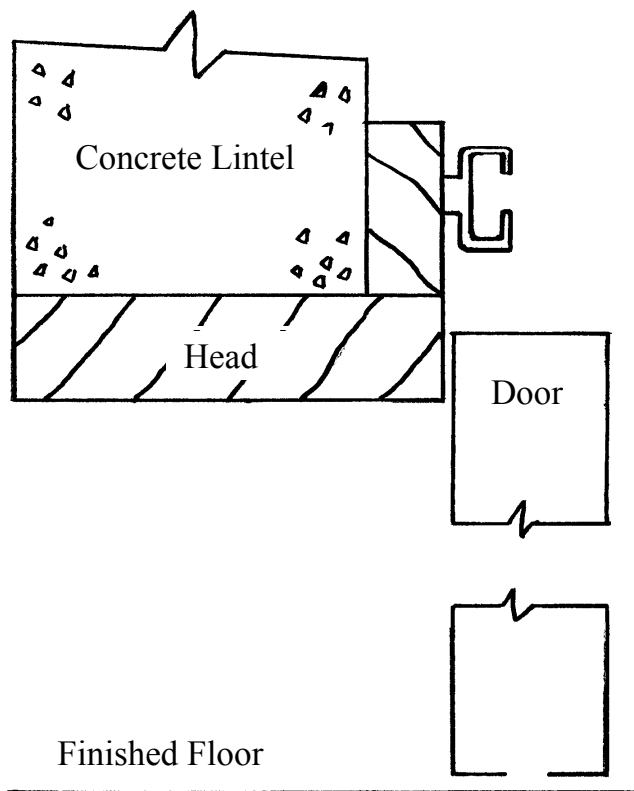


Fig. 5