

Candidate Name	Centre Number	Candidate Number
		4



Entry Level

725/01

GRAPHICAL AND MATERIAL STUDIES (Woodcraft)

P.M. THURSDAY, 13 March 2008

$\frac{1}{2}$ Hour

Examiner only

Total Marks	
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INSTRUCTIONS TO CANDIDATES

Write your name, centre number and candidate number in the spaces at the top of this page.

Answer **all** questions.

Underline **or** circle the correct answer **or** write in the spaces provided in this booklet.

If you have difficulty in reading a question, put up your hand and the teacher-in-charge will read it to you.

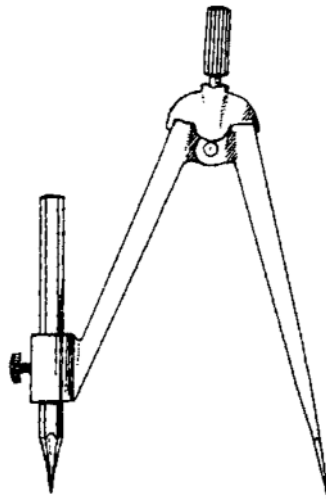
INFORMATION FOR CANDIDATES

Each question carries **five** marks.

Answer **all** questions.

Underline or circle the correct answer or write in the spaces provided.

1. The tool shown below is used in the Design and Technology room.



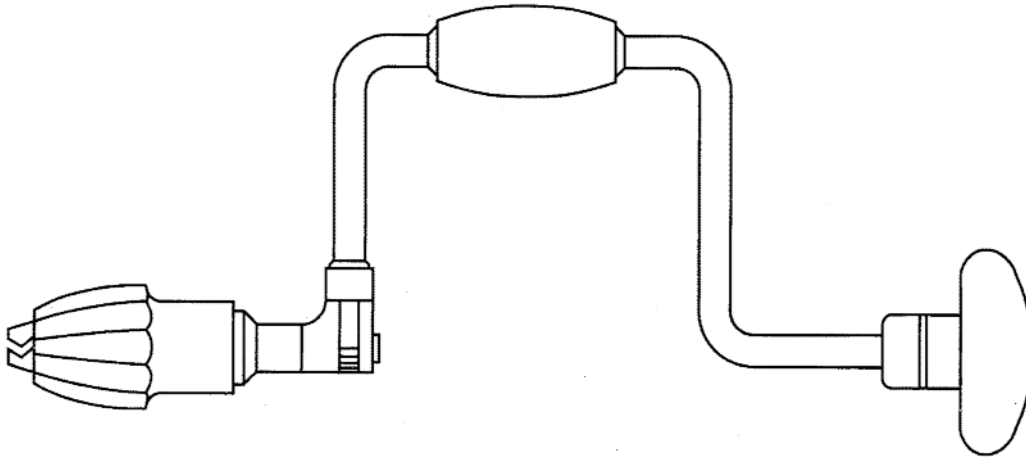
The tool shown is **one** (1) of the following:

- (a) Compass;
- (b) Dividers;
- (c) Scribes;
- (d) Circle marker.

Underline the correct answer.

[5]

2. The tool shown below is used in the Design and Technology room.



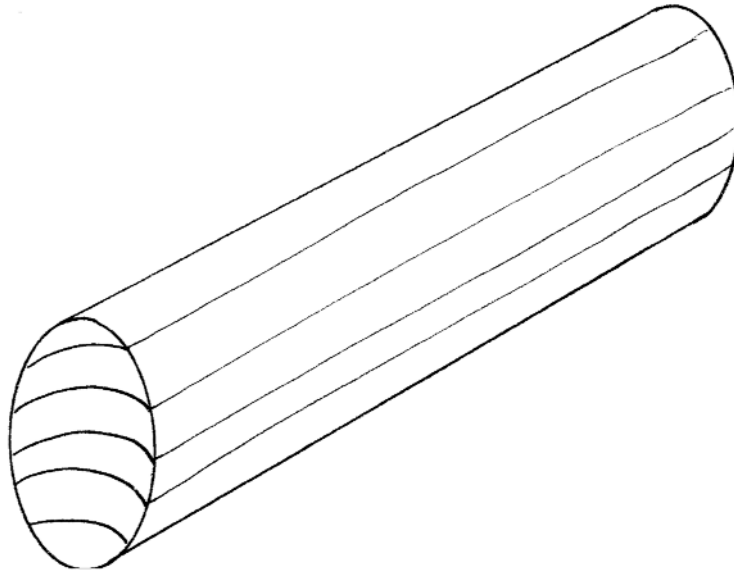
The tool shown above is **one** (1) of the following:

- (a) Hand drill;
- (b) Ratchet brace;
- (c) Hole maker;
- (d) Bit holder.

Underline the correct answer.

[5]

3. This question is about finishing wood. A wooden rolling pin is shown below.



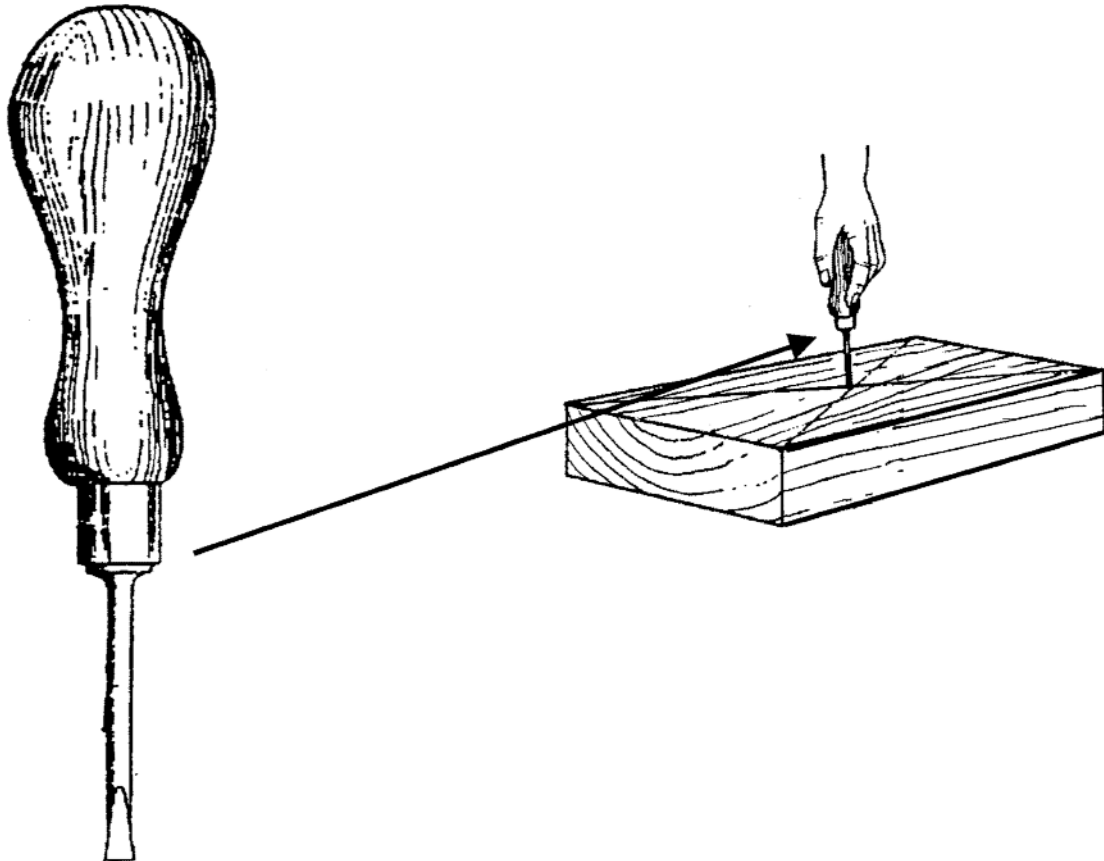
Which **one** (1) of the following finishes is suitable for putting on the rolling pin?

- (a) Wax polish;
- (b) Creosote;
- (c) Paint;
- (d) Vegetable oil.

Underline the correct answer.

[5]

4. The tool shown below is used in the Design and Technology room for making small holes in wood.



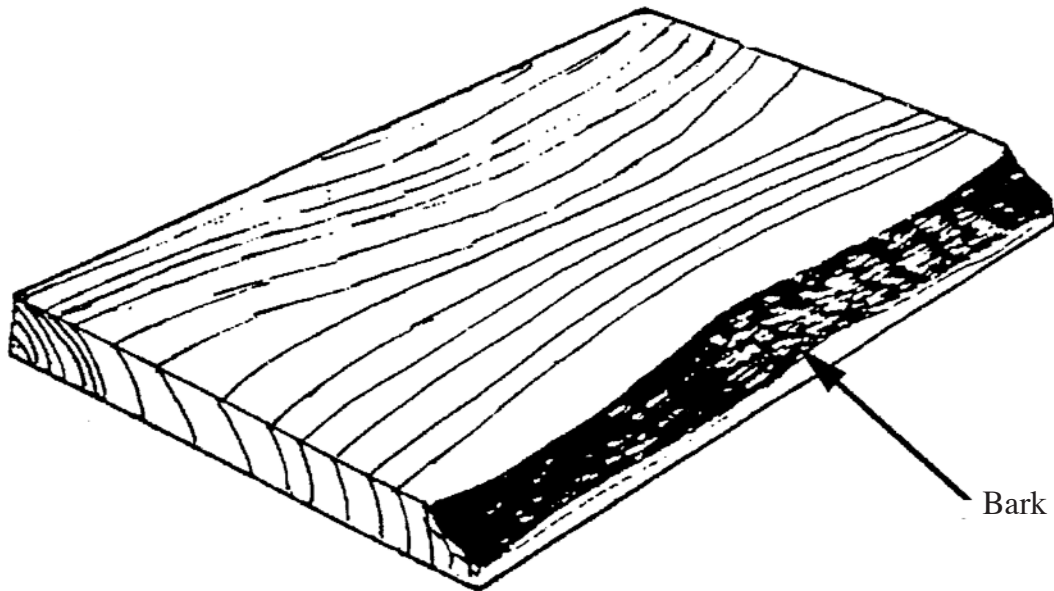
The tool shown is **one** (1) of the following:

- (a) Screwdriver;
- (b) Gimlet;
- (c) Bradawl;
- (d) Scriber.

Underline the correct answer.

[5]

5. The sketch below shows a piece of wood with the bark left on it.



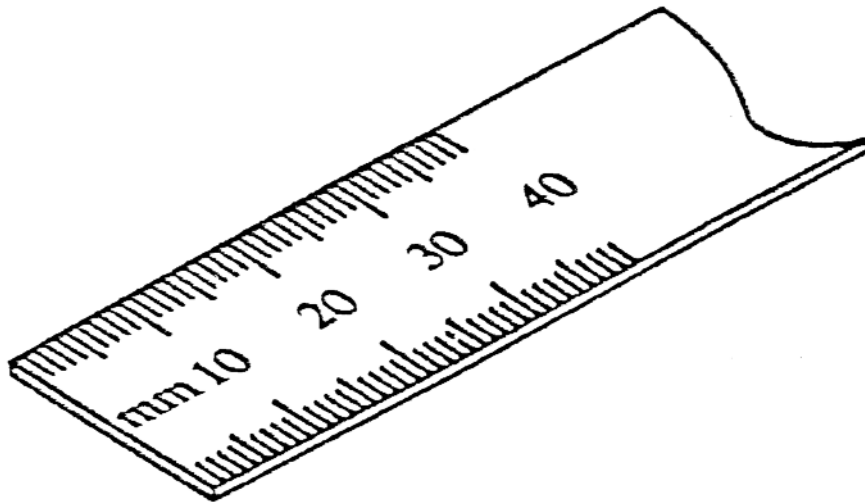
Bark left on wood is **one** (1) of the following:

- (a) Barked edge;
- (b) Decorative edge;
- (c) Waney edge;
- (d) Spoiled edge.

Underline the correct answer.

[5]

6. The sketch below shows the end of a steel rule.



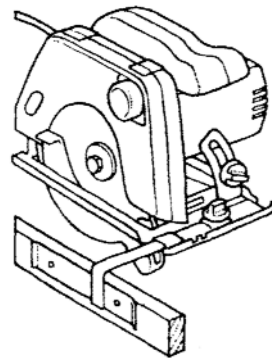
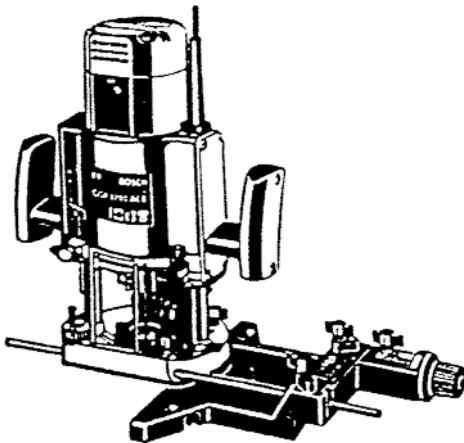
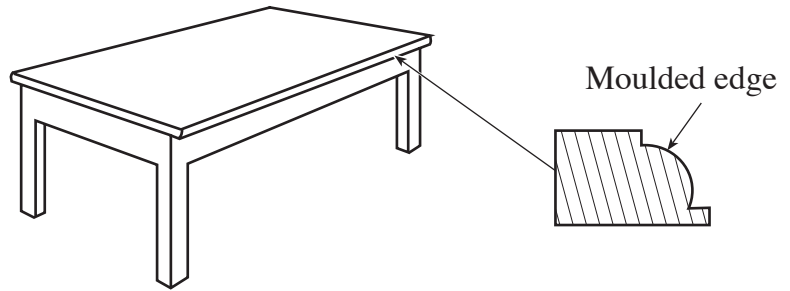
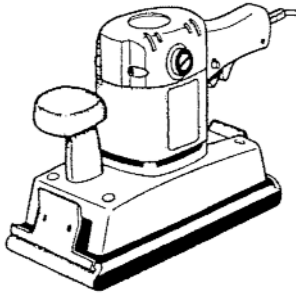
The measurements start from the end for **one** (1) of the following reasons:

- (a) To allow measurement to be made from inside a corner;
- (b) The rule was incorrectly made;
- (c) It is only a short rule;
- (d) The end has been broken.

Underline the correct answer.

[5]

7. The sketches below show a small table with a moulded edge and **three** (3) types of power tool.

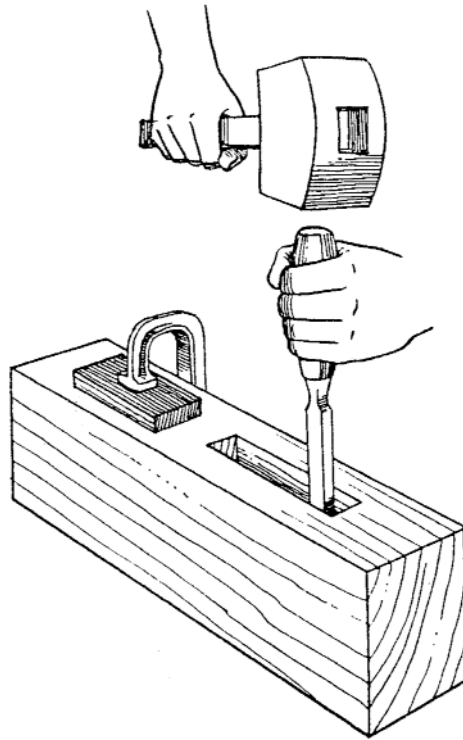


(a) **Circle** the type of power tool you would use to make the moulded edge. [3]

(b) **Write** the name of the power tool on the line below.

The power tool is called a [2]

8. The sketch below shows part of a joint being cut.



The chisel being used is **one** (1) of the following:

- (a) Paring chisel;
- (b) Mortise chisel;
- (c) Bevel edge chisel;
- (d) Firmer chisel.

Underline the correct answer.

[5]

9. The sketch below shows a puzzle for a young child which needs to have colour added.



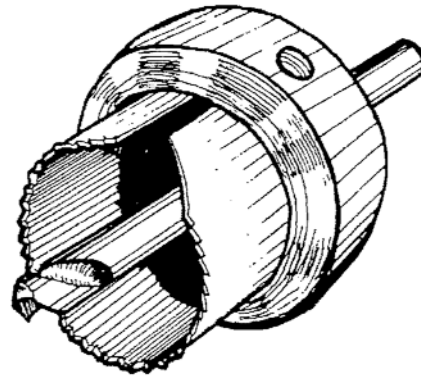
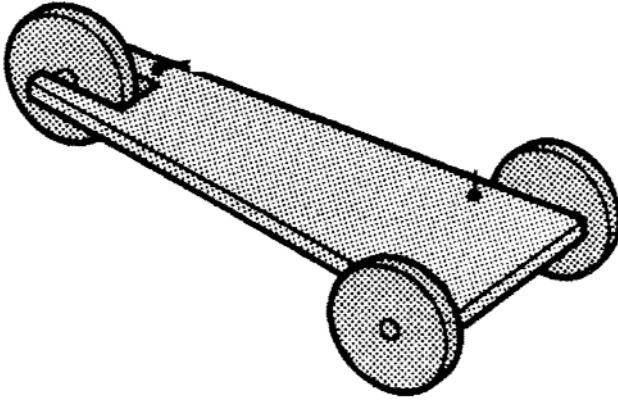
The most suitable finish for colouring the puzzle is **one** (1) of the following:

- (a) Non – toxic Acrylic paint;
- (b) Felt pen;
- (c) Colouring pencils;
- (d) Lead priming paint.

Underline the correct answer.

[5]

10. A small toy and the tool used to make wooden wheels are shown below.



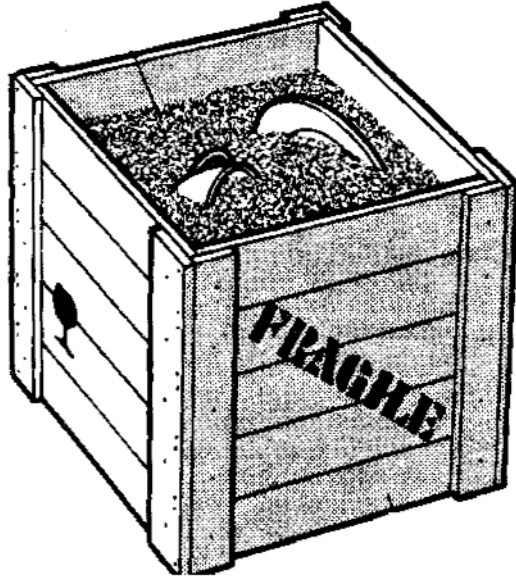
The tool used to make the wheels is **one** (1) of the following:

- (a) Circular saw;
- (b) Adjustable saw;
- (c) Hole saw;
- (d) Drill saw.

Underline the correct answer.

[5]

11. The sketches below show a packing case and **three** (3) types of nail.



(a) **Circle** the nail you would use to make the box.

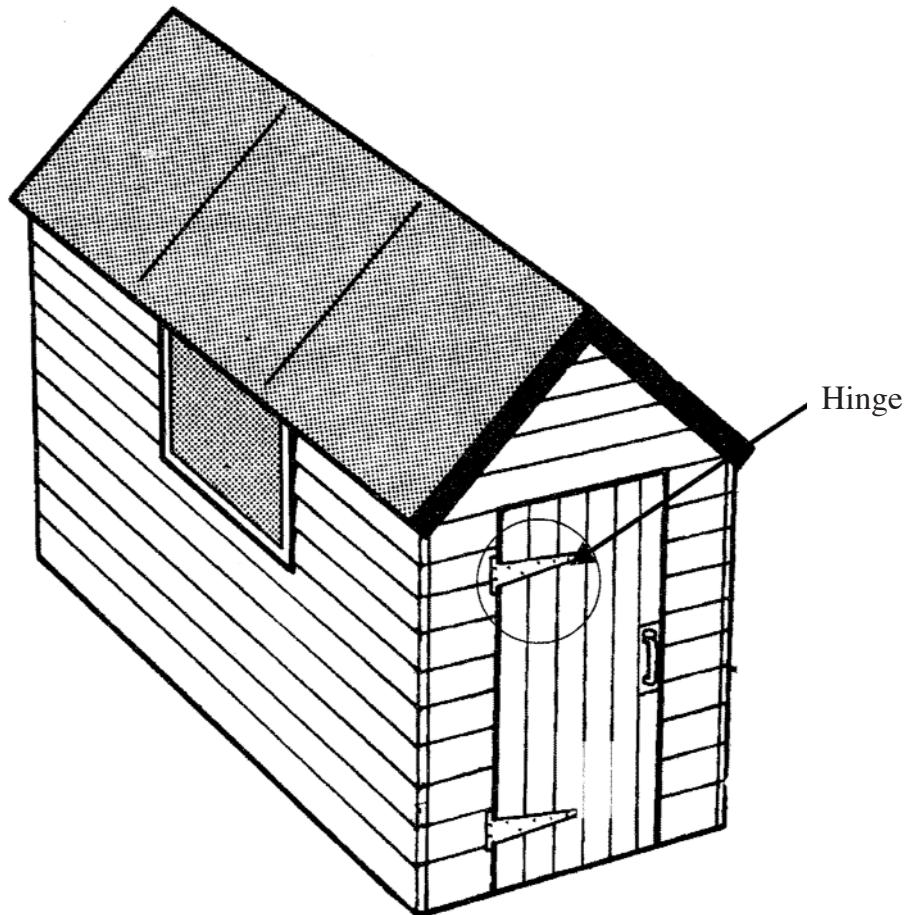
[3]

(b) **Write** the name of the nail on the line below.

The nail is called a

[2]

12. The sketch below shows a garden shed with a hinged door.



The hinge which is circled is **one** (1) of the following:

- (a) Butt hinge;
- (b) Piano hinge;
- (c) Tee hinge;
- (d) Backflap hinge.

Underline the correct answer.

[5]

13. The sketch below shows a tree.



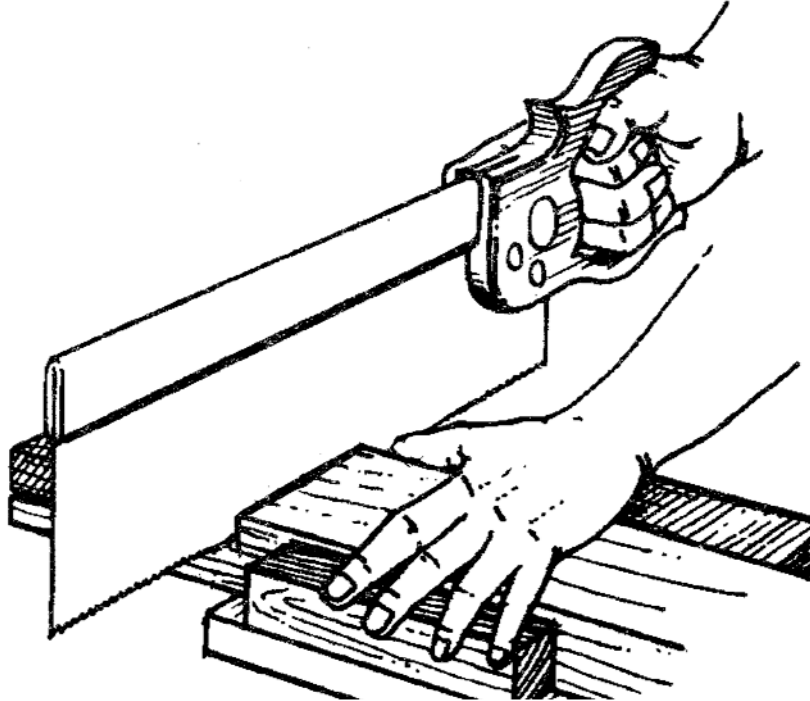
The tree shown above is **one** (1) of the following:

- (a) Deciduous;
- (b) Mature;
- (c) Coniferous;
- (d) Forest.

Underline the correct answer.

[5]

14. The sketch below shows a saw being used.



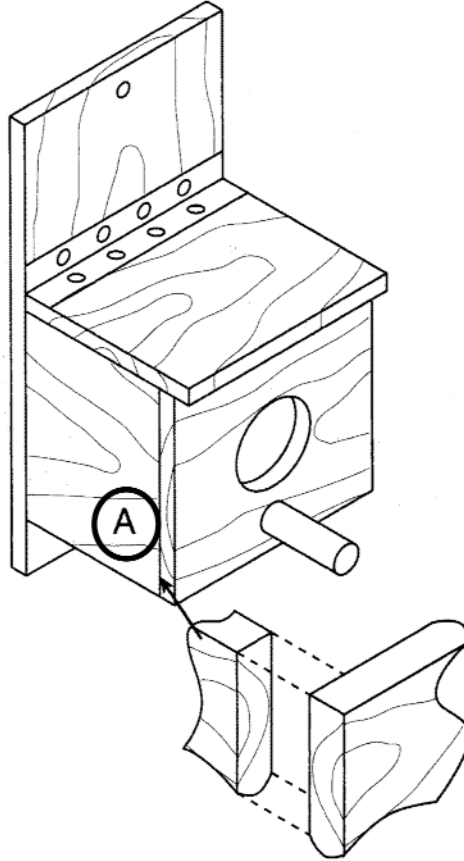
The saw is **one** (1) of the following:

- (a) Rip saw;
- (b) Coping saw;
- (c) Panel saw;
- (d) Tenon saw.

Underline the correct answer.

[5]

15. The sketches below show a bird house and the joint at (A) .



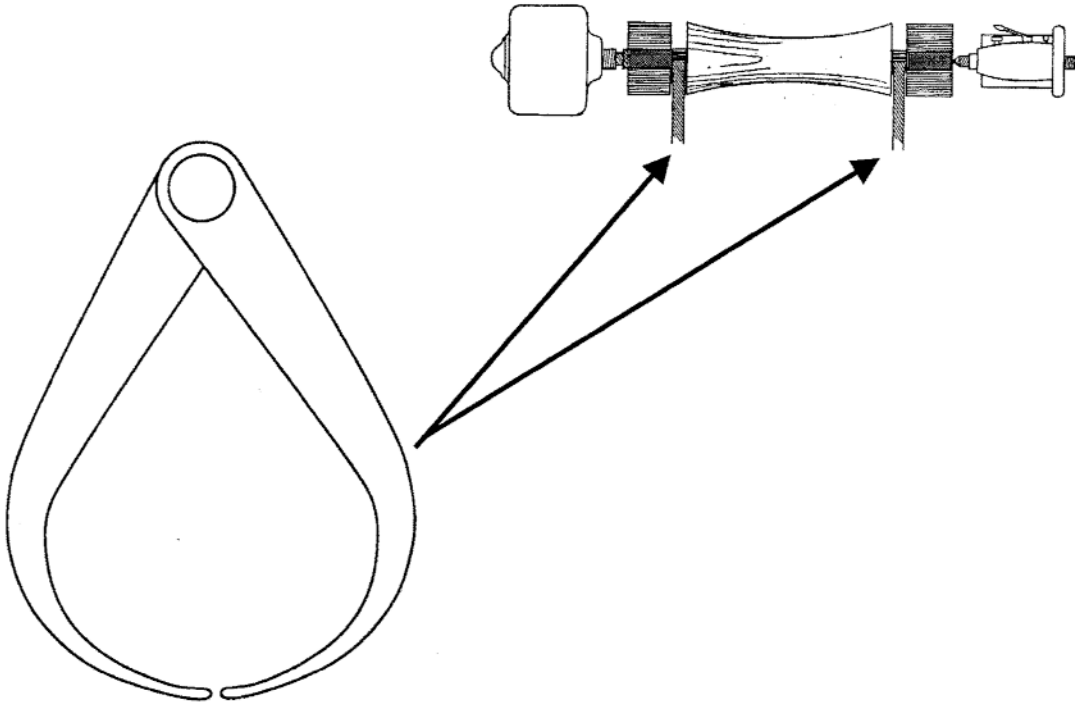
This joint at (A) is **one** (1) of the following:

- (a) Dovetail joint;
- (b) Mortise and tenon joint;
- (c) Butt joint;
- (d) Rebated joint.

Underline the correct answer.

[5]

16. The sketches below show a piece of wood that has been turned on a lathe and the tool used to check the diameter.



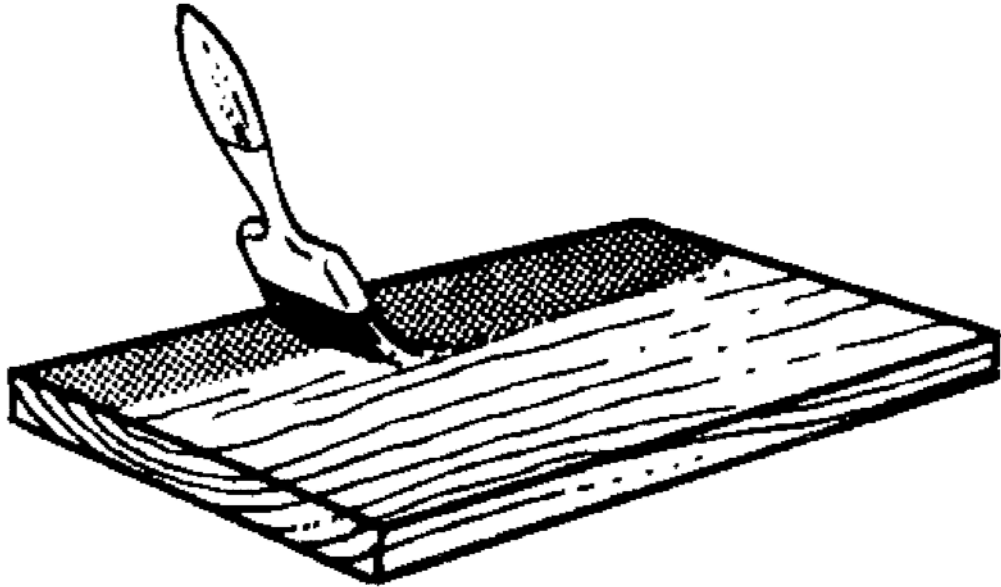
The tool is called **one** (1) of the following:

- (a) Lathe callipers;
- (b) Odd leg callipers;
- (c) Outside callipers;
- (d) Inside callipers.

Underline the correct answer.

[5]

17. The sketch below shows a brush being used to apply a coat of polyurethane varnish.



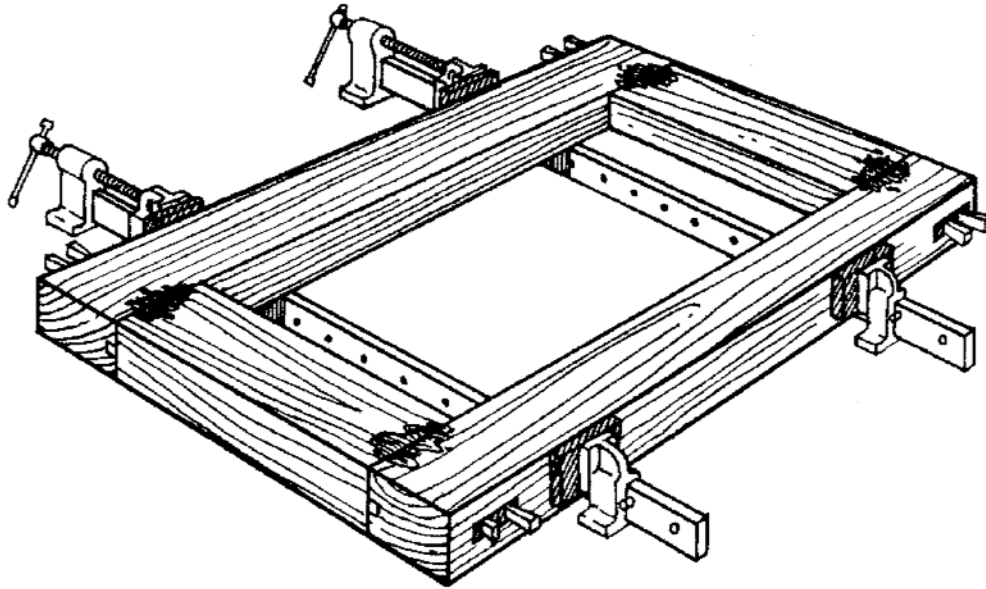
After use the brush is cleaned in **one** (1) of the following:

- (a) Cellulose thinners;
- (b) Water;
- (c) Turpentine substitute;
- (d) Methylated spirits.

Underline the correct answer.

[5]

18. The sketch below shows a wooden frame being glued up.



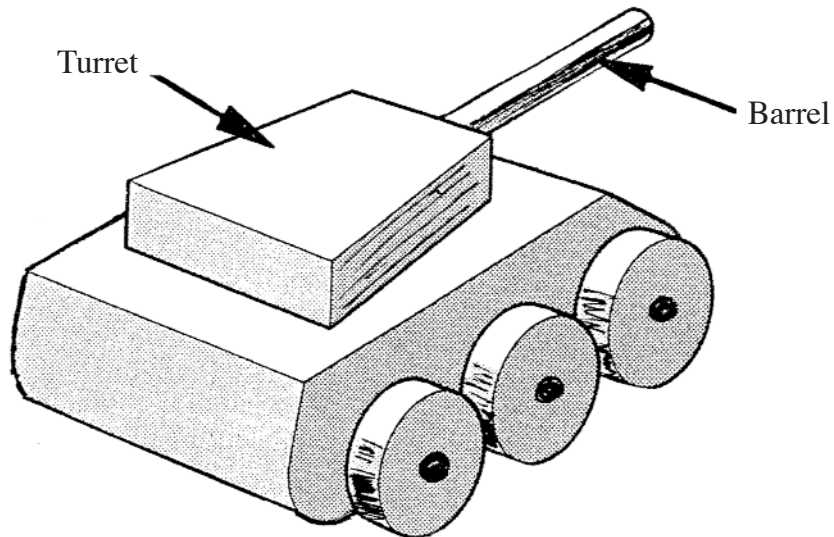
The cramps being used to hold the frame together are called **one** (1) of the following:

- (a) Frame cramps;
- (b) Sash cramps;
- (c) G cramps;
- (d) Pump cramps.

Underline the correct answer.

[5]

19. The sketch below shows a small wooden tank with a turret which moves.



- (a) **Name** a suitable method (way) for joining the movable turret to the tank.

Write a sentence to say how you would do this.

I would join the movable turret to the tank by using a

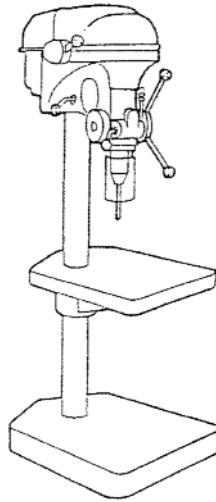
[3]

- (b) **Name** a material for making the barrel of the gun.

Write your answer on the line below.

I would use to make the barrel of the gun. [2]

20. The sketch below shows a machine used in the Design and Technology room.



On the lines below, write **five** (5) safety rules you should take when using the drilling machine. [5]

(i)

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(ii)

.....

(iii)

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(iv)

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(v)

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