**WISDOM PRE-MOCK MARKING SCHEME**

**WOODWORK PAPER 1**

. (a) Levels of qualiﬁcations.

- Artisan

- Craftsman

- Technician

.Characteristics of polyvinyl actate (PVA) glue.

-Easily applied.

-Sets at room temperature.

- Does not stain.

-Sets clearly and does not damage the edge of tools.

-Water resistant.

.-Functions of the knob in a bench plane.

-The knob allows the user to control and direct the plane with both hands.

-It allows the user to hold and leverage the plane during use.

Characteristics of polyvinyl actate (PVA) glue.

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􀂇Water resistant.

(Any 4 x 1) = 4 marks

7(b).Selection of finish;

Appearance

Protection

Durability

Ease of application

Safety

Reversibility

hygiene

(a) Reasons that make a mortice gauge produce inaccurate marks.

-Loose spurs.

-Loose thumbscrew.

-If the stem is worn out.

-If the stock hole is not tightly ﬁtting the stem.

-If accurate readings were not taken before locking the thumb screw.

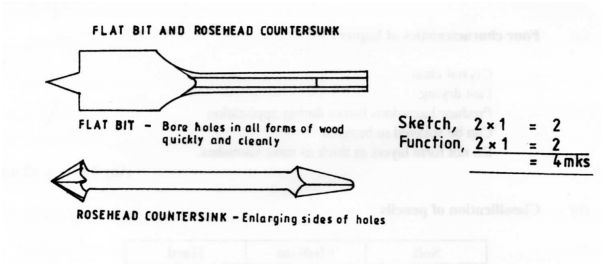
8 Favourable conditions for fungal growth.

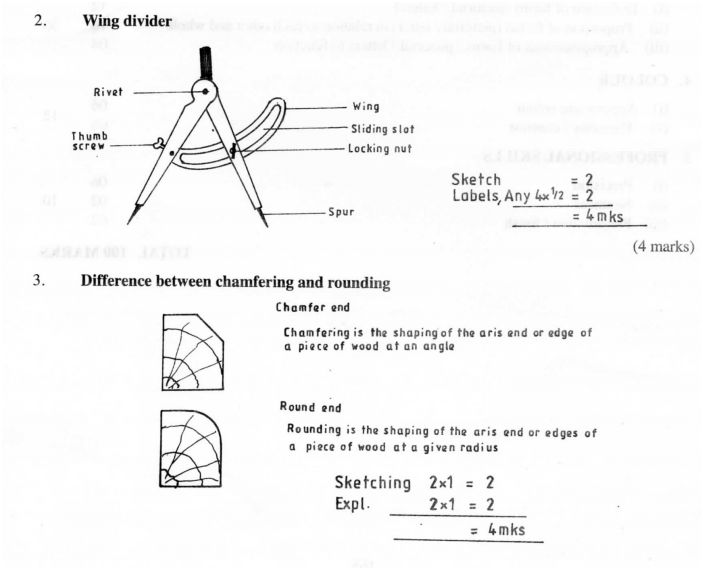
(i) Moisture in wood - must be above 20%

(ii) Temperature - between 30 - 37°C. Lower temperatures may reduce growth higher temperatures will kill fungi.

(iii) Air - essential requirement for growth and respiration.

9





13(b) Parts of brush and function

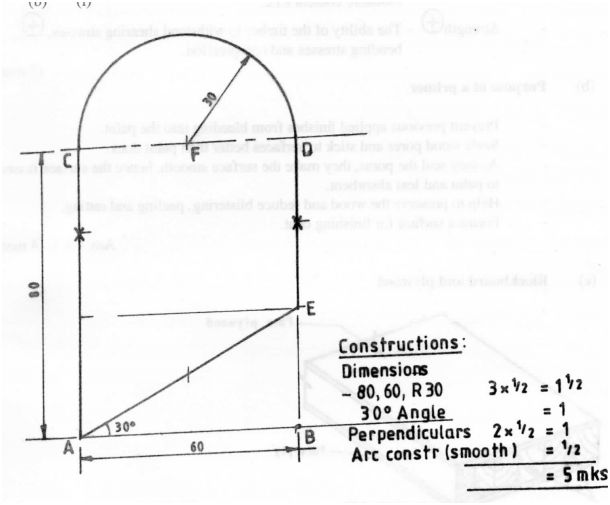
Part Function

P - handle - to hold brush.

Q - ferrule - connects handle to bristles.

- plug - holds and spreads the bristles.

- bristles - spread the paint



**(ii) Step of marking out the shape**

Establish line AB = 60 mm

At point A and B construct perpendicular lines.

At point A and B and along the perpendicular line, mark 80 nun - C and D

At point A construct L30“ to cut at E.

Measure 30 mm from point E to establish point F.

At point F construct an arc 30 mm radius to meet at C and D.

Join points A, C, D and E to produce the desired shape. 7 x 1 = (7 marks)