

EXAMINATIONS COUNCIL OF ZAMBIA

Examination for School Certificate Ordinary Level

Woodwork

6030/2

Paper 2 Practical Test

Friday

1 DECEMBER 2017

Additional materials:

As listed in Instructions to Supervisors

Time: 3 Hours

Mark: 100

Instructions to Candidates

- 1 Check that the following materials have been provided:
 - One piece 700mm long, planed to 70mm wide and 18mm thick.
 - One polythene bag or plastic bag, in which to enclose the work.
 - Two name tags. One to be attached to the work piece and the other one to be tied to the bag.

Information for Candidates

- 1 This paper consists of one practical question.
- 2 A second supply of wood is **not** allowed.
- 3 Any dimensions omitted are left to your discretion.
- 4 Attempt to finish all parts of the test.
- 5 You may use any of the ordinary hand tools but the use of adhesives, glasspaper, files, rasps and scrapers is not allowed.
- 6 Additional marks may be gained if the work is lightly cleaned off with a finely set smoothing plane before being finally assembled.
- 7 All dimensions are in millimetres.
- 8 Write your Name and Examination Number boldly and clearly on **each** of the pieces of wood in capital letters and numbers 6mm high. Attach a tag with your name, Examination Number in full, Centre number, name of school and date.

Practical Test

Instructions to Candidates

The pictorial drawing in **figure 1** shows a **Bathroom Wall Rack** and **figure 2** shows the orthographic projection of part of the Rack. Using the material prepared prior to the examination, you are required to make the portion enclosed in an ellipse. The drawings are **not drawn to scale**.

The following pieces of wood, previously planed, are to be used:

700 long planed to 70 wide and 18 thick, for parts A, B, C and D.

(For the purpose of the test, some of the normal dimensions have been modified and some hidden detail omitted from the working drawings for the sake of clarity)

Working Procedure

- (a) Join Part D to Part A by means of an appropriate joint.
- (b) Join Part B to Part A by means of lapped common Dovetail Joint.
- (c) Join Part C to part A by means of twinned mortice and Tenon Joint.
- (b) Apply the shaping as indicated on Part B using Quarter Ellipse.

Assembly Procedure

Make sure that joints fit. Do not force any parts together. Assemble the work, make sure that you dismantle your work before putting them in the bag

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Great care should be taken that no confidential information given should reach the candidates either directly or indirectly before the examination.

This practical paper requires a knowledge of Dovetail, Mortise and Tenon and Housing Joint.

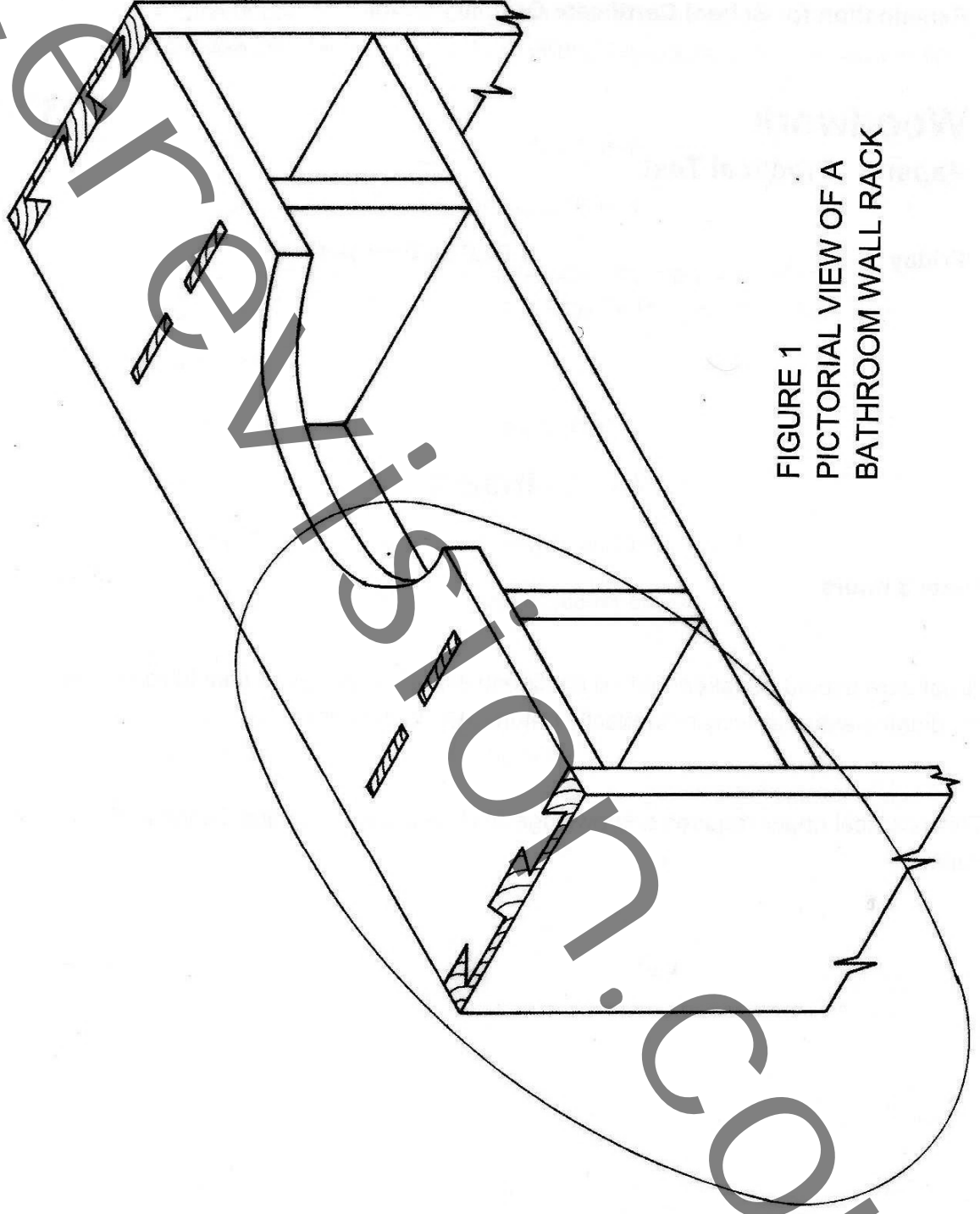
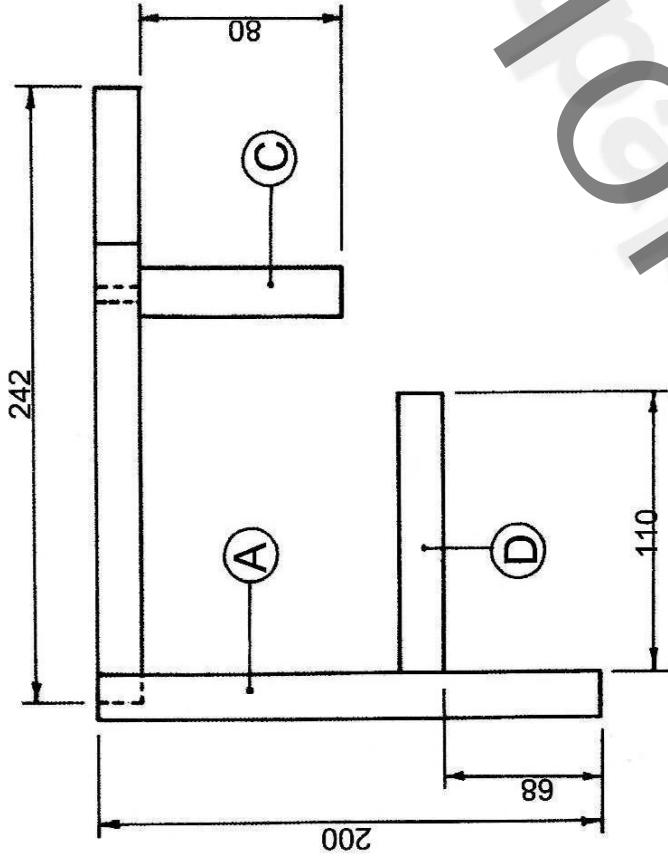


FIGURE 1
PICTORIAL VIEW OF A
BATHROOM WALL RACK



BATHROOM WALL RACK
ALL DIMENSION IN MILLIMETERS

