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FOREWORD

This booklet contains reports written by Examiners on the work of candidates in certain papers. **Its contents are primarily for the information of the subject teachers concerned**.

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WOODWORK

GCE Ordinary Level

Paper 6030/01
Theory, Drawing and Design

General comments

This year there were few poor scripts. At the top end there were some excellent papers in which candidates demonstrated a clear understanding of the paper, the subject and showed a high level of draughtsmanship.

Section I was well answered.

Section II this year there were fairly even responses to each of the questions. There were several excellent responses to **Question 3**, and good responses to the other three questions.

In ***Section II*** **C** and **D**, there were some excellent responses to each of the parts of this section.

Comments on specific questions

Section I Part A

Question 1

(a) The majority of candidates gained over half of the marks available.

(b) Several gained all 4 marks giving name of panel pin, raised head screw and pilot hole and clearance hole.

(c) Many named all three tools, although several gave a screwdriver instead of a bradawl at **(i)**.

(d) Many give an appropriate use for each of the tools named in **(c)**.

(e) The majority of candidates gave appropriate safety rules, but a few gave general workshop rules, rather than those specifically relating to the use of a lathe.

(f) Some excellent descriptions of preparing datum surfaces and working to width and depth.

Section I Part B

Question 2

(a) Most named a smoothing plane correctly.

(b) There were a few really detailed descriptions of setting the plane for a fine cut.

(c) This was the least well answered part.

(d) Some good descriptions of preparing a surface – a few went on to describe applying a finish.

Question 3

Some examples of excellent responses with several giving information in excess of that needed to gain maximum marks.

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Question 4

(a) Most named the Butt Hinge correctly.

(b) Only a few named brass here.

(c) A few excellent responses clearly describing marking out and cutting to house a hinge.

Question 5

Many detailed responses at **(a)** and **(b)**. Only a few showed knowledge of the correct use of sash clamps.

Section II Drawing and Design

Part C

(i) Many examples of appropriate joint for the corner at A. Few were ½ full size but most were exploded and in good proportion.

(ii) A few excellent dovetails here.

(iii) Some did not attempt this question, but again there were some excellent responses.

Part D

There were many excellent views drawn here, with clear understanding of projecting. In **(ii)** several candidates did not include section details of the drawer.

Many showed understanding of dimensioning at **(c)** there were good examples of printing, with projection shown or named.

Paper 6030/02
Practical

General comments

Well over half the candidates completed the test piece and the working drawings were correctly understood and accurately followed. The wood had been well prepared and generally of a good quality sympathetic to the test, however, fewer candidates lightly finished their pieces with a finely set smoothing plane than in previous years. The work presented ranged from excellent, through good and sound, with few very weak candidates. It was pleasing to see an improving standard of work and associated woodworking skills.

Specific comments

(a) *Haunched mortice and tenon between parts A and B*

This was the principle joint of the test and therefore surprisingly not completed in a number of cases. The joint was accurately set out to the dimensions given but little evidence of the use of a mortice gauge for marking tenons and mortices, and it was noticeable that when a marking knife had been used for shoulder lines, the accuracy of fit was much improved, shoulders closely aligned. The mortice, sloping into the leg, proved most difficult, undercutting greatly overdone to assist fitting.

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(b) *Twin mortice and tenon between parts B and C*

Completed by most candidates to a good standard and accurately positioned. Once again little evidence of the use of a mortice gauge when marking out both tenons and mortices, this would have greatly assisted marking out, cutting and final fitting. Tenons were well cut by most candidates with good clean sides and little evidence of plucking between them, mortices were correctly cut from both faces, there being little evidence of splitting or bursting out, through going straight through.

(c) *Appropriate joint between parts D and A*

A range of mortice and tenon joints were appropriate in this situation ranging through stopped or through mortice and tenons with either two shoulders on longsides or four shoulders all round, however a number of candidates let the whole of part D into part A without seeing the need of shoulders to locate and retain the rail. There were, however, a good proportion of candidates that provided a correct solution. The toolwork was generally good and the joints well proportioned and accurately positioned.

(d) *Shaping part A*

Attempted by most candidates and completed to a satisfactory standard. The spokeshave had been used correctly giving a reasonable finish with little evidence of chattering associated with working against the grain.

(e) *Final cleaning up*

Few candidates attempted final cleaning up with a finely set smoothing plane, but when done it greatly enhanced the final appearance of the finished piece.

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