

Place both pieces of timber in the vice. Square lines across in pencil for the position of the screws. Offset the screws = 15 mm.

Mark centres by gauging from the face side on each piece. Drill holes for screw thread and head and cut slots with a narrow chisel. Fix screws on screw piece. Put the joint together. Drive the upper part along with a heavy mallet.

18.2 PAPER 2 (444/2) PROJECT

Paper 2 of Woodwork is a project paper and has only one compulsory question. The paper tested on the following skills:-

- ❖ Planning
- ❖ Sizing of members
- ❖ Joints
- ❖ Assembly
- ❖ Finishing

Weaknesses

- 1) Candidates had problems in the correct sizing of the member which resulted in inaccurate overall size of the project;
- 2) Incorrect assemblies of the different parts made the overall squareness of the project impossible. The diagonals of the different faces were supposed to be equal
 - ❖ In jointing, the faces were supposed to be flush hence no gaps. Gaps were seen in many projects;
 - ❖ The drawer was supposed to fit well in the drawer space and run easily and smoothly. In some projects this was not the case.
 - ❖ In the finishing, sand papering was not done properly. Some candidates' sand papered across the grain. This should be discouraged.
 - ❖ Glue marks and tears were clearly visible after finishing.

Teachers should guide their candidates properly on how to cut correct sizes of the members. This being a practical, it is expected that students will have acquired all the necessary skills. The skills can only be acquired by constant practice in the workshops on making various items. Schools should therefore provide the necessary materials and personnel so that students can practice well before they take examinations. It is not fair for candidates to use the tools for the first time during examinations.