

**PENANG SANGAM HIGH SCHOOL  
P.O.BOX 44, RAKIRAKI**

**LESSON NOTES-11**

**School: PENANG SANGAM HIGH**

**Year/Level: 12**

**Subject: APPLIED TECHNOLOGY**

<b>Strand</b>	AT 12.6 APPLIED TECHNOLOGY
<b>Sub Strand</b>	AT 12.6.1 Carpentry and joinery.
<b>Content Learning Outcome</b>	AT12.6.1.1 Demonstrate knowledge on safety, materials, tools and process and develop practical skills in joinery works relative to building work, doors and fitting and fitments.

**TONGUED AND GROOVED OR MATCHED JOINT**

Is a strong joint which is usually made by machine.

**TONGUED EDGE JOINT**

Is a strong joint. It is similar to the ordinary butt joint except that a groove is run along the edge of each piece into which a tongue is inserted.

**ANGLE OR CORNER JOINTS**

Used in the construction of boxes etc, where the pieces are joint with their faces at right angles.

**BUTT ANGLE JOINT**

The ends are cut square, butted and nailed together at right angles.

**SHOULDER BUTT OR REBATED BUT ANGLE JOINT**

Is a better type of construction. The end of one pieces is fitted and nailed into a rebate out on the other.

## **TONGUED AND GROOVED ANGLE JOINT**

It is used extensively for cabinet work etc.

## **SHOULDER AND MIXED ANGLE JOINT**

Its is used for cabinets, boxes etc.

## **MIXED ANGLE JOINT OR PLAIN MIXED JOINT**

This joint may be left plain or strengthened in one of the several ways depending on its intended use.

### **SHORT ANSWER QUESTIONS**

1. Name the joint which is usually made by machine.

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2. Name the joint in which the ends are are cut square, butted and nailed together at right angles.

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3. Explain the joints;

1- Butt angle joint-

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2- Corner joint-

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3- Plain mixed joint-

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**THE END**