

PENANG SANGAM HIGH SCHOOL

YEAR: 11

APPLIED TECHNOLOGY

WORKSHEET NUMBER: 6

MULTIPLE CHOICE QUESTIONS

1. The measure of workability of a fresh concrete mix using a conical mould is called the
 - A. Slump test.
 - B. Concrete test.
 - C. Moisture test.
 - D. Hardness test.
2. Which of the following would prevent injuries in a workshop?
 - A. Wearing light clothing.
 - B. Sitting on a stool while chiseling.
 - C. Keeping the workplace clean and tidy.
 - D. Lifting heavy objects with a bent back.
3. The best tool used for cutting thin sheet metals is the
 - A. Pliers.
 - B. Tin snip.
 - C. Hack saw,
 - D. Cold chisel.
4. The sheet or panel of material manufactures from small pieces of wood bound together by a synthetic resin glue and pressed under heat is
 - A. Ply board.
 - B. Core board.
 - C. Fiber board.
 - D. Particle board.
5. In estimating cost, anything that is purchased to build a project goes into the
 - A. Profit category.
 - B. Labor category.
 - C. Overhead category.
 - D. Materials category.

SHORT ANSWER QUESTIONS

1. Define the term *plumber* under basic home improvements.

2. Explain the following type's water supply system.

Direct water supply system:

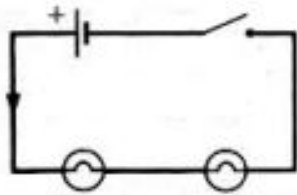
In direct water supply system:

3. Valves are used to control the flow along a pipeline. Name the two types of valves.

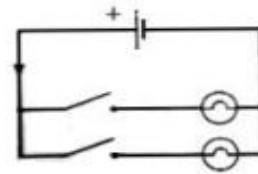
4. There are several types of taps which are designed to shut off the supply slowly and thus prevent water hammer. Name the two most common taps?

5. A.C. - alternating current where the current repeatedly flows in one direction and then the other. Explain what is D.C current?

6. The diagram given below shows the two types of circuit. Label the two types of circuit.



1



2

7. Define the term *Voltage*.

8. Name the device given below.

