

**PENANG SANGAM HIGH SCHOOL**

**YEAR: 12**

**APPLIED TECHNOLOGY**

**WORKSHEET NUMBER: 5**

**MULTIPLE CHOICE QUESTIONS**

1. The principle of design that catches the viewer's attention on one part of the design is known as
  - A. Unity.
  - B. Rhythm.
  - C. Emphasis.
  - D. Proportion
2. In tiling, the term that is used to fill the gaps between the tiles is called
  - A. Grouting.
  - B. Battering.
  - C. Plastering.
  - D. Gap filing.
3. Which of the following hardware is fitted to a door to allow it to swing open?
  - A. Bracket.
  - B. Butt hinge.
  - C. Screw hook.
  - D. Cabinet stays.
4. Deafness that can result from the exposure to high level of noise from a machine in a workshop can be prevented by
  - A. Wearing ear muffs.
  - B. Passing a safety test.
  - C. Stopping the machine at intervals.
  - D. Using the machine at a slow speed.
5. Which metals are composed principally of metals other than iron?
  - A. Sintered.
  - B. Ferrous.
  - C. Non-Ferrous.
  - D. Coated.

## **SHORT ANSWER QUESTIONS**

1. Metals are materials which are used a lot in our schools, they are divided into two major groups.
  - a) Differentiate *ferrous* and *non-ferrous* metals.
  - b) Give an example of each metal named above
2. Explain the term *atom*?
3. State purpose of grout as used in laying tiles.
4. Name any two tools used in tile laying.
5. Explain the terms:
  - a) Valence-
  - b) Ionic bond-
  - c) Covalent bond-
  - d) Metallic bond-
6. Define ceramics.
7. Give one example of ceramic materials.
8. Give one properties of copper?
9. What will be the electrical charge if the number of electrons in any atom equals the number of protons?
10. Give two characteristics of metals and non-metals.
11. Why health and safety is important?
12. Explain the term *identify hazards* under occupational health and safety.

**THE END**