

SHEET 1

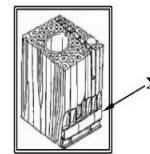
PENANG SANGAM HIGH SCHOOL YEAR 13 APPLIED TECHNOLOGY

WORKSHEET – 3

MULTIPLE CHOICE QUESTION

1. A type of hazard that causes physiological, psychological or undue stress to any part of the body is called a/an
 - A. Physical hazard.
 - B. Chemical hazard.
 - C. Biological hazard.
 - D. Ergonomic hazard.
2. Which of the following metals have high melting point?
 - A. Soft metals
 - B. Pure metals
 - C. Light metals
 - D. Transition metals
3. The test that is used to verify the manufacturer's specification is known as
 - A. Routine test.
 - B. Proving test.
 - C. Inspection test.
 - D. Exploratory test.
4. Shown below is a close up section of hardwood. The part labelled X is

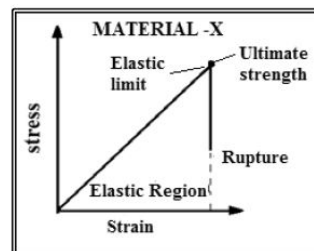
- A. Fibre.
- B. Vessel.
- C. Ray cell.
- D. Cambium layer.



Source: Year 13 Applied Technology, Ministry of Education, 201

5. Which of the following metal properties describe material X with its stress - strain curve given below?

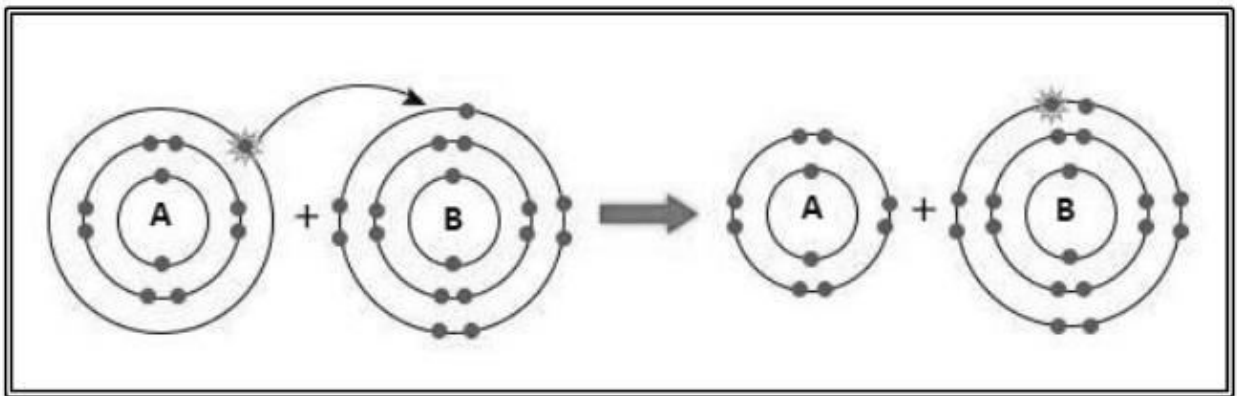
- A. Handle.
- B. Ferrule.
- C. Bristle.
- D. Paint spreader.



SHEET 2

SHORT ANSWER QUESTIONS

1. Distinguish between electro-positivity and electro-negativity.
2. Define the following terms:
 - (i) Toughness
 - (ii) Kiln seasoning
3. Thoroughly study the diagram given below and answer the following questions.



Source: *Year 13 Applied Technology*, Ministry of Education, 2017.

- (i) Identify the primary bond that has occurred between the two atoms
 - (ii) Explain the process that is taking place during the bonding.
4. Differentiate between **angiosperms** and **gymnosperms**.
 5. Define the term necking.

THE END