KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT

GRADE 9 — END OF TERM 2 EXAMINATION 2026

PRE-TECHNICAL AND PRE-CAREER STUDIES

Theory

KJSEA 912/1

TIME: 1 Hour 40 Minutes

Candidate's Name		**Adm Number**	
School Name		**School Code**	
Candidate's Signature		**Date**	

1. Section A: 30 Multiple Choice (30 marks)

2. Section B: Structured Questions (50 marks)

SECTION A: MULTIPLE CHOICE (30 Marks)

1. In an orthographic (third angle) projection, the front view is placed

A. Above the plan view B. To the right of the right side view C. In the centre with the top view above and right side view to the right D. Below the bottom view

2. The scale 1:25 means that 1 unit on the drawing represents

A. 25 millimetres B. 25 centimetres C. 25 metres D. 25 units in reality

3. A dovetail joint is used primarily in woodwork because

A. It is the easiest joint to make B. Its interlocking shape provides exceptional resistance to being pulled apart C. It requires no adhesive D. It can be made with only a hammer

4. Which type of saw is best suited for cutting curves in thin wood or metal?

A. Tenon saw B. Rip saw C. Hacksaw D. Coping saw/fretsaw

5. The property of a material that allows it to return to its original shape after being deformed is called

A. Plasticity B. Elasticity C. Ductility D. Brittleness

6. In a DC electrical circuit, the device that converts electrical energy into rotational mechanical energy is a

A. Generator B. Transformer C. Motor D. Capacitor

7. A logic gate that gives an output of 1 ONLY when both its inputs are 1 is called a

A. OR gate B. NOT gate C. AND gate D. NAND gate

8. In computer programming, a 'loop' is used to