

KIYALA HIGH SCHOOL

END OF TERM ONE ASSESSMENT TEST - 2024

PHYSICS

S.2

1 Hours 30 minutes

INSTRUCTIONS

- This paper consists of three examination items.
- Answer **all the items**.
- All the items carry equal scores.

Item 1

Akello wanted to know the temperature of her daughter who had fever and placed the mercury thermometer at different parts of her daughter's body to know her temperature.

Task

As a student who has studied about thermometers, help this parent to understand;

- a) Three (3) reasons why water is not used as thermometric liquid.
- b) Four (4) advantages of mercury over alcohol as a thermometric liquid.

Item 2

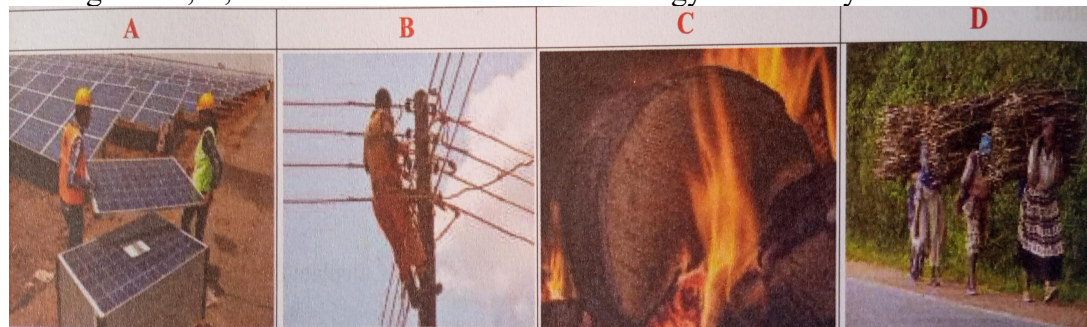
In a certain village, an energetic man was able to lay more than one hundred bricks (100) in only one day.

Task

- a) Help this man to understand the meaning of work and state there S.I units.
- b) State the four (4) different fours of energy.
- c) A man of mass 100kg walks up a flat of 12 steps. If the work done by the force is 120 kJ, find out the height of each step the man climbed.

Item 3

The figures A, B, C and D show the sources of energy in our daily life.



Task

Use the figures above to;

- a) State and explain uses of sources of energy in our daily life.
- b) Explain the sources of energy and state two (2) examples of each sources of energy.

SUCCESS