THE KENYA NATIONAL JUNIOR EXAMINATIONS AND ASSESSMENT SERIES

705/2 INTEGRATED SCIENCE (Practical)

PAPER 2

JULY –AUGUST 2025

MARKING SCHEME

QUESTION ONE (20 MARKS)

a) Indicator with lemon juice

Expected answer:

Colour changes from green to red.

→ 1 mark for observation, 1 mark for clarity.

b) Indicator with ash solution

Expected answer:

Colour changes from green to purple/blue.

→ 1 mark for observation, 1 mark for clarity.

c) Table (10 marks)

Substance	Observation	Conclusion
Lemon Juice	Green to red	Acidic
Wood Ash Solution	Green to purple	Basic
Test Solution A	Green to red	Acidic
Test Solution B	No change (green)	Neutral
Test Solution C	Green to purple	Basic
Test Solution D	Green to orange	Weak Acidic
Test Solution E	Green to blue/light blue	Weak Basic

→ 1 mark per correct observation and 1 mark per correct conclusion.