**THE KENYA NATIONAL JUNIOR EXAMINATIONS AND ASSESSMENT SERIES**

**705/2 INTEGRATED SCIENCE (Practical)**

**PAPER 2**

**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.