

# PHYSICAL SCIENCES P.2

# MEMO-2024



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Diagram on page 9 is redrawn below for easy reference.



Changes to the conditions of equilibrium are made at different times. The graph shows the results obtained. X, Y and Z represent the gases in the above reaction.



4.5 Write down the TYPE of elimination in reaction III.

4.6 Compounds R and T are positional isomers.

The inorganic reagents shown below are available for reactions IV and V.

|                 |                                        |           |     |                |
|-----------------|----------------------------------------|-----------|-----|----------------|
| Br <sub>2</sub> | H <sub>2</sub> SO <sub>4</sub> (conc.) | NaOH(aq.) | HBr | H <sub>2</sub> |
|-----------------|----------------------------------------|-----------|-----|----------------|

4.7 Define for both chemical equilibrium.

Use the graph to answer the questions below.

# Physical Science P2 Nsc Mdo November 2014

## Memorandum

**M Mark**



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