**P525/3**

**CHEMISTRY**

**PAPER 3**

**July/August, 2024**

**UACE EXAMINATIONS**

**CHEMISTRY   
PAPER 3**

**CONFIDENTIAL**

1. **FA1** is of ammonium ferrous sulphate solution (or of hydrated ferrous sulphate crystals; freshly prepared) each candidate should be give 250 cm3.

**FA2** is of potassium manganate(VII) solution each candidate should be give 200 cm3.

Solid **R** potassium persulphate (potassium peroxodisulphate).

**1 M** sulphuric acid each candidate should be given 100 cm3.

1. **Z** is a mixture of nickel(II) carbonate:manganese(II) sulphate in the ratio of 2 : 1.
2. **W** is ethanol.
3. Access to heat source and the reagents for testing ions and functional groups in organic compound.