

P525/3
S.6CHEMISTRY
PAPER 3
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UACE EXAMINATIONS
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1. **FA1** is 39.2 gl^{-1} of ammonium ferrous sulphate solution (or 27.8 gl^{-1} of hydrated ferrous sulphate crystals; freshly prepared) each candidate should be give 250 cm^3 .
FA2 is 3.16 gl^{-1} of potassium manganate(VII) solution each candidate should be give 200 cm^3 .
Solid **R** potassium persulphate (potassium peroxodisulphate).
1 M sulphuric acid each candidate should be given 100 cm^3 .
2. **Z** is a mixture of nickel(II) carbonate:manganese(II) sulphate in the ratio of 2 : 1.
3. **W** is ethanol.
4. Access to heat source and the reagents for testing ions and functional groups in organic compound.