***P525/3***

***Chemistry***

***Paper 3***

***July/August***

**COUHEIA SECONDARY MOCK EXAMINATIONS**

**2024**

Uganda Advanced Certificate of Education

**CHEMISTRY**

Paper 3

**CONFIDENTIAL**

Great care should be taken that the information given below does not reach the candidates either directly or indirectly.

**Question 1**

* **FAI** – Dissolve 4.74g of potassium manganate (VII) to make 1 of solution
* **FA2** – is 0.1M sodium thiosulphate solution (Dissolve 24.8g to make 1 of solution)
* **FA3** is 10% potassium iodide solution
* **FA4** Dissolve 10.75g of Hydrated iron (II) ethanedioate, , in 2M sulphuric acid and make to of solution.

**Question 2**

**P** is prepared by mixing **2 parts of copper (II) carbonate** and 1 part of cobalt (II) sulphate. Other requirement for this question include.

* 2M nitric acid solution
* 2M Sodium hydroxide solution
* 2M ammonia solution
* Potassium iodide solution
* Concentrated potassium thiocynate solution
* Lead (II) ethanoate solution.
* Sodium thiosulphate solution

**Question 3**

**M** is methanoic acid

**Other requirements for this question are**

- acidified potassium manganate (VII) solution

- Concentrated sulphuric acid.

- Ethanol

- Solid anhydrous sodium carbonate

- Ammoniacal silver nitrate (Tollen’s) solution