**CHEMISTRY**

**FORM 1**

**TIME: 1 HOUR**

**NAME: …………………………………………………………**

**ADM NUMBER: ………………………**

***Answer ALL the questions in the spaces provided (40 marks)***

1. State **two** reasons why most apparatus in the laboratory are made of glass (2mks)

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1. State any **two** differences between luminous and non-luminous flames (2mks)

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1. State two reasons why we use the non-luminous flame for heating in the laboratory instead of using luminous flame. (2 marks)

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1. Chromatography can be used to test for the purity of substances. Describe one area in everyday life where purity of substances is important (1mark)

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1. How can a Bunsen burner be used to produce non-luminous flame? (1mark)

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1. Name two apparatus used in a chemistry laboratory to give accurate volume measurements (2marks)

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1. .Highlight four professional careers, where the knowledge of chemistry is required (4marks).

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a).Define a chemistry laboratory.(2marks).

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b) Outline four qualities of a chemistry laboratory. (4marks)

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**9.** State and explain four simple methods of separating mixtures (8 marks)

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**10.** Define the following terms: (4 marks)

i).A drug.

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ii).Medicine.

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iii).A prescription

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iv). A dosage.

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**11.** Highlight four guideline rules which should be followed by the chemistry laboratory users.( 4 marks)

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**12.** Explain the meaning of the following terms and in each case, name the apparatus used to measure them.(4marks)

a) Temperature.

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b)Time.

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