

Name;

WELLSTAR BRIGHT SEC SCHOOL MUKONO KABEMBE

CBC CHEMISTRY TEST.

1 Hour

INSTRUCTIONS; *Attempt any two questions.*

1. (a) What is meant by the term allotropy?
(b) Name the two allotropes of carbon.
(c) With reasons state two uses of one of the allotrope of carbon named in
(d) State four differences between the two allotropes stated in (b) above.
2. (a) What do you understand by the term acid?
(b) Name the acid found in each of the following substances.
(i) Tea
(ii) Urine
(iii) Gastric juice
(iv) Lemon juice
(c) Describe the applications of acids in everyday life.
3. (a) Define the term reactivity series?
(b) How is the knowledge of reactivity series used in daily life?
(c) During cleaning the laboratory assistant accidentally dropped iron fillings in a solution of copper (II) sulphate.
(i) State what was observed?
(ii) Write equation for the reaction that took place.
4. (a) State three sources of water for home use.
(b) Differentiate between hard and soft water.
(c) What are the disadvantages of using borehole water at home.
(d) Explain the effect of deforestation on the pH of water.
(e) How can water get contaminated?

