**NAME ………………………………………………………ADM NO. ……………………….**

**GATITU MIXED SECONDARY SCHOOL**

**CHEMISTRY FORM 3 TERM 3 2014 END TERM EXAM cat 1**

1. What observation are made when sulphur Iv oxide is bubbled through acidified potassium chromate VI 2mks
2. Describe the test for sulphate. 3mks
3. Give two differences between rhombic and monoclinic sulphur. 2mks
4. Describe what happens when excess aqueous ammonia is dissolved in zinc hydroxide. 2mks
5. State three optimum conditions for obtaining a high yield of ammonia is dissolved in zinc hydroxide. 2mks
6. What happens when nitrate below sodium ie, zinc nitrate, PbNo3 and CUNO3 write their equation and indicate the colour. 3mks
7. What is the test 4 alkyne? 1mk
8. A hydro carbon contains 54.55% carbon, 9.09% hydrogen and 36.36% oxygen. If its relative molecular mass is 88 what is its molecular formula? ( C= 12, O=16, H=1) 4mks
9. Describe the large scale manufacture of sulphuric acid through contact process. 10mks