NAME……………………………………………………………………………………………… ADM NO………………………………………. CLASS……………………………………………… CHEMISTRY FORM ONE TERM ONE 2015 TIME 2HRS ANSWER ALL THE QUESTIONS 1.What is chemistry? (2mks) 2.Mention five laboratory rules (5mks) 3.Give three reasons why most of the laboratory apparatus are made of glass. (3mks) 4. (a) State three sources of heat in the laboratory (3mks) (b) Which of the sources of heat mentioned in 4(a) is the most preferred for use in the laboratory? (1mk) 5.Mention five differences between luminous and non-luminous flame (5mks) 6.Explain why after use, a non- luminous flame should be put off or adjusted to luminous flame. (2mks) 7. State what students should do in case of a major accident such as fire outbreak in the Chemistry laboratory. (2mks) 8. (a) Draw a well labelled diagram of a Bunsen burner (5mks) (b) State the functions of the parts of the Bunsen burner in 8(a) (5mks) 9. (a) Name three frequently abused drugs. (3mks) (b) State two long term effects of drug abuse. (2mks) 10. State three roles of Chemistry in the society (3mks) 11. (a) What is a mixture? (2mks) (b)Mention three main categories of mixtures (3mks) (c) Mention one application of the method: separation method of mixtures (1mk) (d) Which methods are used to separate the following mixtures Iron fillings and sand (1mk) Sand and water (1mk) 12. (a) Draw and give the name of the apparatus that is used to do the following -Used for drying or keeping substances free from moisture (2mks) -Used for even distribution of heat when heating substances in beakers or flasks (2mks)