NAME…………………………………………………………………………………………….ADM.NO………….CLASS………….

**ST CLAIRE GIRLS’ HIGH SCHOOL ,GATITU.**

**P.O. BOX 327-01030 GATUNDU.**

**CHEMISTRY FORM ONE**

**TUNE-UP EXAMINATION TERM TWO 2017**

INSTRUCTIONS

**Answer all the questions**.

**QUESTIONS**

1.A mixture of water and ethanol can be separated by Fractional distillation as shown in the diagram below .Study it and answer the questions that follow.

a.What is fractional distillation. (1mk)

b. Identify:

V

W

X

Y

Z

Distilate A (6mks)

c.State the functions of the following

V (1mk)

W (1mk)

d)State any two applications of fractional distillation. (2mks)

2. Diffrentiate the following

a. Filtrate and distillate. (2mks)

b. Sublimate and distillate . (2mks)

3.What is the effect of impurity on melting and boiling point of a substance. (2mks)

4.Briefly explain how you can separate a mixture of common salt and sand. (3mks)

5.Draw a diagram and use it to explain how you can separate mixture of sand and iodine.(5mks)

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WISHING YOU SUCCESS.