ST. MARIE EUGENIE GIRLS SECONDARY SCHOOL FORM TWO CHEMISTRY HOME PACKAGE- MARCH 2020

1. Classify fuel according to their efficiency

2. List uses of fuels

3. Briefly explain environmental effects on using charcoal and fire wood as a source of fuels

4. Explain the law of conservation of energy 5.

a) What is renewable energy?

b) Explain the working mechanism of a biogas plant

6. Explain the uses of biogas in environmental conservation

7. a) Explain Dalton’s contribution to atomic structure

b) Explain the modern concept of Dalton’s atomic structure

8. a) Identify sub-atomic particles in an atom

b) Explain the properties of each particle in an atom

9. a) What do you understand by the following terms

i. isotopy

ii. mass number

iii. proton number

iv. neutron number

b) Write down mathematical formula of calculating mass number.