**GATITU MIXED SECONDARY SCHOOL**

**PHYSICS FORM ONE TERM 2 2015 OPENER EXAM**

1. Define physics 1mk
2. State and describe 3 branches of physics 6mks
3. As a subject physics concerns what? 4mks
4. Define the following terms and state their SI units. 4mks
5. Length
6. Mass
7. Time
8. Area
9. Discuss the relationship between physics and the following subjects 2mks
10. History
11. Chemistry
12. Calculate the volume of a sphere with a radius of 9 cm. 2mks
13. List three courses offered at the college levels that need wide knowledge in physics.3mks
14. Give three instruments in the laboratory that are used to measure volume. 3mks
15. Differentiate between basic physical quantities and derived quantities. 2mks
16. Define matter and state two states of matter 3mks