GATITU MIXED SECONDARY SCHOOL

FORM 1 JUNE MIDTERM EXAM 2014

PHYSICS

INSTRUCTIONS

Answer all questions provided.

1. Define the term physics 2mks
2. Name three branches of physics 3mks
3. Suggest four basic physical quantities used in measurements 4mks
4. A triangle with 5m base length and a height of 2.5cm is to be used to make a trophy. Calculate it’s in m2 3mks
5. Express the following volumes in cm3
6. 27mm3
7. 0.0005m3
8. 9000cm3
9. 27cm3
10. Name the type of force experienced by the following situations 10mks
11. A steel needle placed carefully on the surface of water does not sink
12. When a small drop of detergent is placed on water, the needle moves
13. rapidly away from it and sinks when more detergent is added
14. A wiped screen of a TV finally gets unpolished after a few hours
15. The phenomenon applied in a centrifuge
16. A glee in milk
17. A rubbed ruler on a dry hair diverges the direction of a falling water tap
18. An object moving on a rough surface
19. A whirled stone moving in a circular motion
20. The stone thrown upwards gets back onto the ground
21. When it’s raining it is advisable not touch a canvas tent from inside