**NAME…………………………………………………………ADM………………CLASS………………**

**PHYSICS**

**FORM 1**

**OPENER EXAMINATION: TERM 2 2024**

**ANSWER ALL QUESTIONS ON THE SPCACES PROVIDED.**

1. Define the term physics (1mk)
2. Name 6 branches of Physics (6mks)
3. Explain briefly how physics is related to each of the following subjects (2mks)
4. Geography
5. Biology
6. Technology
7. State seven (8) career opportunities arising from physics. (8mks)
8. What is a laboratory? (2mks)
9. State six basic laboratory rules you have read. (6mks)
10. State the immediate approach to any person who suffers to any of the following effects.
11. Poisoning (2mks)
12. Burns (2mks)
13. Cuts (2mks)
14. Define the term
15. Length and state its SI (2mks)
16. Name three instruments used to measure length. 3mks)
17. Define each of the following terms as used in physics
18. Volume (2mks)
19. Area (2mks)
20. Mass (2mks)
21. Density (2mks)
22. Name and state what the following instruments are made for (2mks)
23. The mass of 25cm3 of ivory was found to be 0.045kg. Calculate the density of ivory (in Si units) giving your answer in Kg/m3. (4mks)
24. Fill the following table

|  |  |  |  |
| --- | --- | --- | --- |
| Substance | Mass | Volume | Density |
| Gold  Copper  Air  Lead  Glycerine  Alcohol  Water  Mercy | 9.6g  0.0006g  10g  1000g  220kg  0.068kg | 0.5cm3  5cm3  0.5cm3  1.5cm3 | 8.6g/cm-3  11.29g/cm-3  1.26g/cm-3  0.8g/cm-3  1.0g/cm-3  13.6g/cm-3 |

1. State six types of forces you know (6mks)