**COMPETENCE BASED CURRICULUM**

**THE STANDARD MEASURE SERIES 1**

**GRADE 7 TERM 1 OPENER (ENTRY) EXAM 2024**

**JUNIOR SECONDARY SCHOOL**

INTEGRATED SCIENCE

**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**SCHOOL \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. What are the three components of integrated science?
2. **…………………………………….**
3. **……………………………………**
4. **……………………………………**
5. Name three careers that are related to the knowledge and skills gained in integrated science.
6. **………………………………………………..**
7. **……………………………………………….**
8. **……………………………………………….**
9. Name three common accidents in the laboratory.
10. **…………………………………………….**
11. **…………………………………………….**
12. **…………………………………………….**
13. Name three protective wear for safety in the laboratory.
14. **…………………………………………..**
15. **…………………………………………..**
16. **……………………………………………**
17. The following table represents basic quantities. Write their SI units and their symbols.

|  |  |  |  |
| --- | --- | --- | --- |
|  | quantity | SI Unit | Symbol |
| 1 | Length |  |  |
| 2 | Mass |  |  |
| 3 | Time |  |  |
| 4 | Electric current |  |  |
| 5 | Temperature |  |  |
| 6 | Amount of substance |  |  |
| 7 | Luminous intensity |  |  |

1. Name two laboratory apparatus used for measuring mass of substances.
2. **…………………………………………….**
3. **…………………………………………….**
4. **……………………………………………..**
5. Name three heat instruments used in the lab for heating purposes.
6. **……………………………………………..**
7. **……………………………………………..**
8. **……………………………………………..**
9. Identify four basic science skills one gains in science practical.
10. **…………………………………………….**
11. **…………………………………………….**
12. **……………………………………………..**
13. Name two apparatus used for measuring length.
14. **……………………………….**
15. **……………………………….**
16. **……………………………….**
17. Give two differences between luminous and non-luminous flame.

|  |  |
| --- | --- |
| Luminous flame | Non-luminous flame |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |