

P.O. Box60 RWAMAGANA - RWANDA

Tel: +250 788 329 149

Email:info@iprcgishari.rp.ac.rw

**www.iprcgishari.rp.ac.rw**

**IPRC GISHARI**

Integrated Polytechnic Regional College

**REVISIN ASSESSMENT**

**Module Name : Basic Electricity**

|  |  |  |  |
| --- | --- | --- | --- |
| **Candidate identification** | | | |
| **Names** | .................................................................................................................. | | |
| **Registration Number** | **VT/2019/1Y/...........** | | |
| **Department** | **Vocational Training** | **Option** | **Fitting & Welding** |
| **DATE** | **............ / ............ / 2021** | | |

**Question one:**

List any five rules and regulation to be respect when we are going to do practical work in workshop.

1……………………………………………………………………………………………..........................................................................................................................................................................

2.……………………………………………………………………………………………........................................................................................................................................................................

3……………………………………………………………………………………………..........................................................................................................................................................................

4……………………………………………………………………………………………..........................................................................................................................................................................

5……………………………………………………………………………………………..........................................................................................................................................................................

**Question two:**

List any five Personal Protective Equipment you know and their function

1. …………………………………………………………………………………………
2. …………………………………………………………………………………………
3. …………………………………………………………………………………………
4. …………………………………………………………………………………………
5. …………………………………………………………………………………………

**Question three**

List any five tools used in electrical installation work and their function

1. …………………………………………………………………………………………
2. …………………………………………………………………………………………
3. …………………………………………………………………………………………
4. …………………………………………………………………………………………
5. …………………………………………………………………………………………

**Question four**

List any ten electrical materials that can be used in electrical installation work

1. ……………………………………………………………
2. ……………………………………………………….……
3. ………………………………………………………………
4. ………………………………………………………………
5. ………………………………………………………………
6. ……………………………………………….………………
7. ………………………………………………..………………
8. ………………………………………………..………………
9. ……………………………………………….…………………
10. ……………………………………………..……………………

**Question five**

Give five main components of basic electrical circuits

1. ……………………………………………………………
2. ……………………………………………………….……
3. ………………………………………………………………
4. ………………………………………………………………
5. ………………………………………………………………

**Question six**

**Give the name of the following electrical symbols**

|  |  |  |
| --- | --- | --- |
| **S/N** | **Symbol** | **Name of symbols** |
| **1.** |  |  |
| **2.** |  |  |
| **3.** |  |  |
| **4.** |  |  |
| **5.** |  |  |
| **6.** |  |  |
| **7.** |  |  |
| **8.** |  |  |
| **9.** |  |  |
| **10.** |  |  |
| **11.** |  |  |
| **12.** |  |  |

**Question seven**

Using the components stated in question five, make drawing of a simple electrical circuit.

**Question Eight**

Make schematic diagram, circuit diagram and wiring diagram of electrical circuit of one lamp controlled by single pole one way switch