**Name…........................................................................................................................................**

**Index No……………………………School……………………………………………………**

**Date………………………………….**

**Signature……………………………**

**448/2**

**ELECTRICITY *(Practical)***

**Paper 2**

**2021**

**WISDOM PRE-MOCK**

**Term 1 2021**

MARKING SCHEME

**Exercise 1**

|  |  |  |  |
| --- | --- | --- | --- |
| **AREA TO BE MARKED** | | **MAXIMUM SCORE** | **ACTUAL SCORE** |
| a | Connection observing polarity | 2 |  |
| c. i | Connecting resistor | 2 |  |
|  | SUB TOTAL | 4 |  |

**Exercise 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **AREA TO BE MARKED** | | **AWARDING** | **MAXIMUM SCORE** | **ACTUAL SCORE** |
| 1 | Dimensions (±2)  80  40  70  20 | (2 x ½ )  (4 x ½ )  (2 x ½ )  (2 x 1) | 1  2  2  2 |  |
| 2 | Cuts  -flaps  -wedge | (2 x 2)  (2 x ½ ) | 4  1 |  |
| 3 | Holes  -location  -drilling | (2 x 1 )  (2 x 1 ) | 2  2 |  |
| 4 | Folding | (2 x 1) | 2 |  |
| 5 | Finishing  -deburring  -soldering | (1 x 1 )  (1 x 1) | 1  1 |  |
|  | TOTAL MARK |  | 20 |  |

**Exercise 3**

|  |  |  |  |
| --- | --- | --- | --- |
| **AREA TO BE MARKED** | | **MAXIMUM SCORE** | **ACTUAL SCORE** |
| a | Connection observing polarity | 3 |  |
|  | SUB TOTAL | 3 |  |

**Exercise 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **AREA TO BE MARKED** | | **AWARDING** | **MAXIMUM SCORE** | **ACTUAL SCORE** |
| 1 | Dimensions (±2) | (4 x ½ ) | 2 |  |
| 2 | Fixing components firm and level | (4 x 1) | 4 |  |
| 3 | Correct choice of cables | (2 x ½ ) | 1 |  |
| 4 | Cable runs (flat on surface)  -horizontal  -vertical  -cable bends | (3 x ½ )  (3 x ½ )  (2 x ½ ) | 1½  1½  1 |  |
| 5 | Uniform spacing of tack nails and buckle clips | (1x1) | 1 |  |
| 6 | Cable termination (twisted, firm, folded and not nicked) at:  -ccu  -junction  -sockets | (1 x 2)  (1 x 1)  (1 x 2 ) | 2  1  2 |  |
| 7 | Correct circuit connection |  | 2 |  |
| 8 | Color code | (2 x ½ ) | 1 |  |
|  | TOTAL MARKS |  | 20 |  |