**448/2 MS**

**ELECTRICITY**

**(PRACTICAL)**

**PAPER 2**

**MARKING SCHEME**

**ELECTRICITY PRACTICAL**

**MARKING SCHEME**

**(CONFIDENTIAL)**

Candidate’s Name ………………………………………………………………………………………………………………………………..

Index no…………………………………………………………………………………………………………………………………………………

Stream……………………………………………………………………………………………………………………………………………………

**EXERCISE 1**

|  |  |  |
| --- | --- | --- |
| **AREAS TO BE MARKED** | **MAX SCORE** | **CANDIDATES SCORE** |
|  |  |  |
| Connecting resistors | 2 |  |
| Connecting voltmeter  | 1 |  |
| Connecting capacitors | 2 |  |
| Total  | 5 |  |

**EXERCISE 2**

|  |  |  |
| --- | --- | --- |
| AREAS TO BE MARKED | MAX SCORE | CANDIDATES SCORE |
| Connecting a resistor | ½  |  |
| Connecting a potentiometer | 1 |  |
| Connecting a milliameter | 1 |  |
| Connecting a diode  | 1 |  |
| total | 3 ½  |  |

**EXERCISE 3**

|  |  |  |
| --- | --- | --- |
| **AREAS TO BE MARKED** | **MAX SCORE** | **CANDIDATES SCORE** |
| Connecting power supply | 1 |  |
| Connecting a resistors | 2 |  |
| Connecting voltmeter  | 1 |  |
| Connecting milliameter  | 2 |  |
| Total | 6 |  |

**EXERCISE 4**

|  |  |  |
| --- | --- | --- |
| **AREAS TO BE MARKED** | **MAX SCORE** |  **CANDIDATES SCORE** |
| Dimensions  | 6 |  |
| Cutting | 2 |  |
| Drilling  | 2 |  |
| Folding  | 4 |  |
| Flaps  | 2 |  |
| Soldering  | 2 |  |
|  deburring | 1 |  |
| Quality of finish  | 1 |  |
| total | 20 |  |

**EXERCISE 5**

|  |  |  |
| --- | --- | --- |
| Areas to be marked | Max score | Candidates score |
| Dimensions | 5 |  |
| Fixing components | 4 |  |
| Fixing cables- runs* bends
 | 3 ½  |  |
| Uniform spacing of buckle clips  | 1 |  |
| Cable termination to components | 4 ½  |  |
| Earthing  | 1 |  |
| Colour code  | 1 |  |
| Total  | 20 |  |