**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 |  |