**EXERCISE 1: (METAL-WORK)**

|  |  |  |
| --- | --- | --- |
| **Items to be marked** | **Maxi-mum score** | **Admission number/score** |
| **9774** | **9786** | **9796** | **9816** | **9821** | **9823** | **9825** | **9826** | **9828** | **9829** | **9843** | **9847** | **9853** | **9866** | **9872** | **9875** | **9877** | **9893** |
| (a) Measurements (20mm, 40mm, 50mm and 80mm (2mks $×$ 4) | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (b) Cutting out of development (3mks $×$ 1) | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (c) Folds (1mk $×$5) | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (d) Soldering quality (2mks x 2) | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Subtotals | 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**EXERCISE 3: DIODE TESTING CIRCUIT**

|  |  |  |
| --- | --- | --- |
| Items to be marked on the spot | Maxi-mum Score | **Admission Numbers / Scores** |
| **9774** | **9786** | **9796** | **9816** | **9821** | **9823** | **9825** | **9826** | **9828** | **9829** | **9847** | **9853** | **9866** | **9872** | **9875** | **9877** | **9893** |
| (a) Ammeter | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (b) Voltmeters | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (c) Power supply | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Subtotals | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**EXERCISE4: INSTALLATION**

|  |  |
| --- | --- |
| **Items to be marked** | **Admission Number/Score** |
| **9774** | **9786** | **9796** | **9816** | **9821** | **9823** | **9825** | **9826** | **9828** | **9829** | **9847** | **9853** | **9866** | **9872** | **9875** | **9877** | **9893** | **9774** |
| (a) Measurements ($\pm 2mm)$ (200mm, 250mm, 250mm and 250mm (1mk $×$ 4) | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (b) Fixing of accessories firm and level (1mk $×$ 4) | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (c) Clipping of cables; well spaced (3mks) | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (d) Removal of sheath at termination point(1mk$ ×$ 4 ) | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (e) Correct and firm terminations (1mk x 5) | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Subtotals | 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |