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| UNIT REF: L1AM15 | LEARNER SUPPORT MATERIAL TASK SHEET:**UNIT TITLE: ELECTRICAL FOUNDATION SKILLS** |
| **Learner Name:** | **Date of Task:** |
| **KNOWLEDGE QUESTIONS** |
| **Question Number** | **Question** | **AC** | **Marks Awarded** |
| 1. | Identify the components in the images below, state their use and outline which electrical principle applies to each component. **(24 marks)** | AC1.1, 1.2 |  |
| Ahttp://www.londonessexautoelectrics.co.uk/repair-alternator.png | **Name:****Used to:****Component operating principles:** |
| Bhttp://i.ebayimg.com/images/i/400468152815-0-1/s-l1000.jpg | **Name:****Used to:****Component operating principles:** |
| Chttp://mobile.yourrepairshoponline.com/wp-content/uploads/2014/11/Car-Battery.jpg | **Name:****Used to:****Component operating principles:** |
| Dhttp://images.esellerpro.com/3438/I/31/Starter_Motor.jpg | **Name:****Used to:****Component operating principles:** |

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| **Question Number** | **Question** | **AC** | **Marks Awarded** |
| 2. | State 4 main electrical units of measurement **(8 marks)** | AC1.3 |  |
| 1. |
| 2. |
| 3. |
| 4. |
|  |
| 3. | Identify the two types of electrical circuits below **(4 marks)** | AC1.2 |  |
| SERIES RESISTOR CIRCUIT | Parallel resistor circuit |
| A. | B. |
|  |
| 4. | Identify the electrical symbols in the images below **(14 marks)** | AC1.4 |  |
| AA picture containing text, clock  Description automatically generated |  |
| BA blue rectangle with black text  Description automatically generated with medium confidence |  |
| CA picture containing text, clipart  Description automatically generated |  |
| D |  |
| E |  |
| FRectangle  Description automatically generated |  |
| GA picture containing text  Description automatically generated |  |