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| UNIT REF: L1AM04 | LEARNER SUPPORT MATERIAL TASK SHEET:  **UNIT TITLE: LUBRICATION SYSTEMS COMPONENTS AND OPERATION** | |
| Learner Name: | | Date of Task: |

**KNOWLEDGE QUESTIONS**

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| **Question Number** | **Question** | **AC** | **Marks Awarded** |
| 1. | State the location and purpose of the following main components used in an engines lubrication system: **(28 marks)** | AC1.1-1.2 |  |
| A. | **Lubricants**  Location:  Purpose: | | |
| B. | **Sump**  Location:  Purpose: | | |
| C. | **Oil Pump and Strainer**  Location:  Purpose: | | |
| D. | **Pressure Relief Valve**  Location:  Purpose: | | |
| E. | **Oil Filter**  Location:  Purpose: | | |
| F. | **Oil Galleries**  Location:  Purpose: | | |

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| G. | **Oil Cooler**  Location:  Purpose: | | | |
| **Question Number** | **Question** | | **AC** | **Marks Awarded** |
| 2. | With the aid of a diagram give an overview of how the engine lubrication system operates:  **(10 marks)** | | AC2.1 |  |
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| 3. | | State how used and contaminated lubrication system components and liquids should be correctly disposed of. **(7 marks)** | AC4.1 |  |
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