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

**KNOWLEDGE QUESTIONS**

|  |  |  |  |
| --- | --- | --- | --- |
| **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: |

|  |  |
| --- | --- |
| 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 |  |
|  |
|  |
| 3. | State how used and contaminated lubrication system components and liquids should be correctly disposed of. **(7 marks)** | AC4.1 |  |
|  |