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| UNIT REF: ET136 | WRITTEN ASSESSMENT  **ELECTRIC VEHICLE AWARENESS** |

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| **Level: 1** | **Unit Ref: ET136** | **Assessment No:** |
| **Unit Title:** | **Electric Vehicle Awareness** | |
| **Candidate Name:** |  | **Candidate No:** |

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| **INSTRUCTIONS FOR LEARNERS – PLEASE READ CAREFULLY**  **Ensure that your name and candidate number are written clearly on all your answer sheets.**   1. This assessment may be completed in your own handwriting or if you prefer you may use a word- processor. 2. The standard of presentation, neatness and accuracy of your answers will be taken into account when marking your work. 3. Your assessor will brief you about this assessment prior to starting. 4. To complete some aspects of the assessment you may need to refer to textbooks, and Technical manuals. 5. Please show all your workings out in your answers. 6. Each question has been given a pass mark that must be achieved. The assessment will be graded as follows:   Marks required for a Pass – 36/60  **This assessment forms part of your overall assessment for this unit and may be shown to the external verifier when he/she visits your college or training centre. Failure to present your assessment on time may affect the marks you can achieve for your work.** |

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| **Date of issue for this assessment:** |  |
| **Date for completion of this assessment:** |  |

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| **Important notes:**   1. **You should attempt all questions.** 2. **Please read each question carefully.** 3. **Ensure you write the number of each question on the left-hand side of your answer sheet.** |

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| **UNIT REF:ET136** | WRITTEN ASSESSMENT  **unit title: ELECTRIC VEHICLE AWARENESS** |

1. What do the following abbreviations stand for: (6 marks)

1. EV
2. PHEV
3. E-REV

2. Describe each of the above vehicles. (12 marks)

3. Identify TWO EV’s. (8 marks)

4. Identify TWOPHEV’s. (8 marks)

5. Identify TWOE-REV’s. (8 marks)

6. State THREE types of hybrid system design (6 marks)

7. Describe each of the hybrid systems listed above. (12 marks)

8 State various ways in which you could identify a vehicle being a (8 marks)

fully electric propelled car.