

## **GENERAL EDUCATION AND TRAINING CERTIFICATE**

## **NQF LEVEL 1**

## **ABET LEVEL 4 SITE-BASED ASSESSMENT**

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| **LEARNING AREA** | **:** | **MATHEMATICS AND MATHEMATICAL SCIENCES** |
| **CODE** | **:** | **MMSC4** |
| **TOOL** | **:** | **TEST** |
| **DURATION** | **:** | **2 HOURS** |
| **MARKS** | **:** | **50** |

**This assessment tool consists of 4 pages.**

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| **INSTRUCTIONS AND INFORMATION FOR THE TEACHER.** |  |  |

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| 1. | MARKING KEY  A = Accuracy  M = Method |  |  |

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| **QUESTION 1** |  |  |

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| 1.1 | 1.1.1 | −*−*  − | Correct answer | (1) |

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|  | 1.1.2 | *−* | Each correct term | (2) |

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|  | 1.1.3 | Decreasing | Correct answer | (1) |

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|  | 1.1.4 | The numbers are decreasing by 3  OR subtract 3 to get the following next number | Decreasing by 3  OR subtract 3 | (2) |

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|  | 1.1.5 |  | Correct rule/equation | (2) |

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|  | 1.1.6 |  | Correct substitution  Correct answer | (2) |

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|  | 1.1.7 |  | Correct substitution  Correct answer | (2)  **[12]** |

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| **QUESTION 2** |  |  |

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| 2.1 | 2.1.1 | B | Correct answer | (1) |

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|  | 2.1.2 | A | Correct answer | (1) |

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|  | 2.1.3 | C | Correct answer | (1) |

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|  | 2.2.1 | It means that she obtained on his test and on his test.  OR  The values show test number and the values shows percentage of marks obtained by Elizabeth in her English test. | Each correct co-ordinates  Correct explanation | (2) |

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|  | 2.2.2 | Elizabeth obtained on the fourth test. | Correct answer | (1) |

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|  | 2.2.3 | Between test 5 and test 6. | Correct answer | (2) |

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|  | 2.2.4 | Highest marks | 1 mark for | (1) |

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|  | 2.2.5 | 3 tests | 1 mark for 1 test | (1) |

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|  | 2.2.6 | Elizabeth's marks were improving up to test 7 and thereafter the marks were decreasing down to the tenth test showing that maybe those tests were difficult  There was an improvement from test 1 to 7 and decline after test 7 | Correct explanation | (2) |

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|  | 2.2.7 | Yes; because her average marks for last year was or most months she got | Yes/no with correct valid reason. | (2)  **[14]** |

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| **QUESTION 3** |  |  |

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| 3.1 | 3.1.1 |  | Each correct term | (2) |

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|  | 3.1.2 |  | Correct answer | (3) |

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| 3.2 | 3.2.1 |  | Correct terms of factors | (3) |

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|  | 3.2.2 | A | Each correct brackets | (2) |

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| 3.3 |  | Transposing of terms  Correct answer | (2) |

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| 3.4 |  | 2 marks for correct equation  Correct Answer | (3)  **[15]** |

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| **QUESTION 4** |  |  |

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|  | Each correct points for and. |  | (3) |

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|  | 4.1.2 | (1 | Each correct points | (3) |

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|  | 4.1.3 | OR When reflecting on the , the value stays the same and the values changes the sign | Correct rule | (3)  **[9]** |

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|  | **TOTAL:** |  | **50** |