**TQUK Functional Skills   
Qualification in Mathematics at Entry Level 2**

Examination Paper: Section B (Calculator)

Sample Assessment

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| **Please complete the details below using black or blue ink. Use BLOCK CAPITALS.** | |
| Learner name: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Learner number: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Date: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Centre name: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Instructions**

* Read each question **carefully**.
* Answer **all** questions.
* Write your answers **clearly** in the spaces provided.
* **Check** your answers.

**Information**

* You **are allowed** to use a calculator for Section B.
* The **maximum** mark for this examination is 24.
* The marks available for each question are shown in **bold** beneath each question.

**Items**

* You **will** need a pen with black or blue ink, a pencil, a ruler and an eraser (for diagrams, graphs and charts only).
* You **will** need a basic calculator.
* You will **not need** any other stationery or equipment.

**Time allowed:** **70** minutes

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| **Do not open this examination paper until you are told to do so.** |

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| **Section B:** | **Calculator** | A calculator |
| There are **24 marks** available in this section.  You **can** use a basic calculator in this section.  You will have **70 minutes** to complete this section. | |

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| **1.** | Which shape is a cylinder?  **Tick [✔] one answer:**   |  |  | | --- | --- | | **A [ ]** | **B [ ]** | | **C [ ]** | **D [ ]** | |
| **[1]** | |

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| **Questions continue on the next page.** |

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| **2.** | Put the missing symbol into this calculation: |
| **[1]** | |

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| **3.** | Akir was born on the 24th February 2000.  Akir’s cousin was born exactly 9 months later.  When was Akir’s cousin born?  **Write your answer in the format: dd/mm/yyyy.** | | |
|  | | | | |
|  | | **Answer** |  | |
| **[1]** | | | | |

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| **4.** | Which city has the **highest** temperature?   |  |  | | --- | --- | | **City** | **Temperature (°C)** | | **Manchester** | **10** | | **Birmingham** | **8** | | **London** | **15** | | **Glasgow** | **2** | | | |
|  | | **Answer** |  |
| **[1]** | | | |

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| **Questions continue on the next page.** |

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| **5.** | Sammy is baking a cake.  Sammy weighs the butter in grams (g).  How much does the butter weigh to the nearest 10 g? | | |
|  | | | |
|  | | **Answer** | **g** |
| **[1]** | | | |

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| **6.** | A group of students complete a test.  Their results are shown in this table:   |  |  |  | | --- | --- | --- | | **Student** | **Result** | **Grade** | | Alex | 3 | below | | Taylor | 5 | fair | | Jin | 4 | below | | Samir | 9 | great |   Which student got a **‘fair’** grade? | | |
|  | | **Answer** |  |
| **[1]** | | | |

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| **7.** | Harper puts some items on this shelf.  A clock and picture on a shelf  Description automatically generated  Where is the book?   |  |  | | --- | --- | | **A** | On the top shelf | | **B** | Below the photo frame | | **C** | On the middle shelf | | **D** | Below the clock | | | |
|  | | **Answer** |  |
| **[1]** | | | |

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| **Questions continue on the next page.** |

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| **8.** | How many weeks are in 1 year? | | |
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|  | | **Answer** |  |
| **[1]** | | | |

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| **9.** | How heavy is the object on the scale?    **Tick [✔] one answer:**   |  |  | | --- | --- | | 10 ml |  | | 10 degrees |  | | 10 kg |  | | 10 cm |  | |
| **[1]** | |

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| **10.** | Riley wants to buy the water bottle that holds the **most** water.  Which bottle should Riley buy?   |  |  |  |  | | --- | --- | --- | --- | | **Bottle A** | **Bottle B** | **Bottle C** | **Bottle D** | | 1.2 litres | 0.9 litres | 1.7 litres | 1.5 litres | | | |
|  | | **Answer** |  |
| **[1]** | | | |

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| **11.** | Jamie buys a computer game which costs £15  Jamie pays with a £20 note.  How much change should Jamie get?  **Use the correct units in your answer.** | | |
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|  | | **Answer** |  |
| **[2]** | | | |

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| **12.** | This is a list of pizzas a restaurant sold today:   * large vegetable * large meat * large meat * small vegetable * small meat * large vegetable * large vegetable * small vegetable * large meat * large meat.   Complete the table with the number of each type of pizza sold.  **Large meat** and **small vegetable** have been completed for you.   |  |  | | --- | --- | | **Type of Pizza** | **Pizzas Sold** | | Large meat | 4 | | Small vegetable | 2 | | Large vegetable |  | | Small meat |  | |
|  | |
| **[2]** | |

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| **13.** | The **two** people with the highest odd numbers win a prize.  Who wins a prize?   |  |  | | --- | --- | | **Name** | **Score** | | Morgan | 42 | | Kass | 53 | | Admas | 64 | | Lou | 37 | | Casey | 28 | | Deepal | 11 | | |
| **Answer** | | **and** |
| **[2]** | | |

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| **14.** | Sage buys a packet of crisps for 43p and a drink for 26p.  Sage works out the total cost.  **43 + 26 = 69p**  Sage rounds 43 and 26 to the nearest 10 to check their answer.  **Show how Sage does this check.** | |
| **Answer** | |  | |
| **[2]** | | | |

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| **Questions continue on the next page.** |

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| **15.** | Chen sells ice cream from Monday to Friday.  How many **more** ice creams did Chen sell on Friday than on Monday? | | |
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|  | | **Answer** | **ice creams** |
| **[2]** | | | |

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| **Questions continue on the next page.** |

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| **16.** | The cross shows how much of a chocolate bar Quinn has eaten.    Quinn thinks they have eaten {"mathml":"<math style=\"font-family:Arial;font-size:12px;\" xmlns=\"http://www.w3.org/1998/Math/MathML\"><mstyle mathsize=\"12px\"><mfrac><mn>1</mn><mn>2</mn></mfrac></mstyle></math>","origin":"MathType for Microsoft Add-in"} of the chocolate bar.  Is Quinn correct?  **Show why you think this.** | | |
|  | | | |
|  | | **Answer** |  |
| **[2]** | | | |

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| **Questions continue on the next page.** |

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| **17.** | Tomi has £10 to spend on lunch.  Tomi wants to buy a starter and a main.   |  |  |  |  | | --- | --- | --- | --- | | **Starter** | | **Main** | | | Prawn cocktail | £6 | Sandwich | £6 | | Chicken wings | £8 | Jacket potato | £8 | | Soup | £4 | Fish and chips | £12 |   Which starter and main can Tomi buy? | |
|  | | |
| **Answer** | | **and** |
| **[2]** | | |

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| **This is the end of the assessment.** |

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| |  |  |  |  | | --- | --- | --- | --- | | **Pass** |  | **Not Achieved** |  |   **For Assessor use only:**   |  |  |  |  | | --- | --- | --- | --- | |  | **Marks Available** | **Marks Awarded** | **Second Marks** | | Section A | 8 |  |  | | Section B | 24 |  |  | | Total marks | 32 |  |  | |