

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2(a) | <p>One mark per point:</p> <ol style="list-style-type: none"><li>1 Open the file in append mode (and subsequently close) <b>before loop</b></li><li>2 Initialise a variable to 1 / 0 <b>before loop</b></li><li>3 Use the variable as an index to the array to access an element <b>in a loop</b></li><li>4 Test if element value is blank / empty <b>in a loop</b></li><li>5 If not blank then write the value to the file <b>in a loop</b></li><li>6 Increment the variable <b>in a loop</b></li><li>7 Repeat from MP3 until variable value is 66 / 65 / all elements (in the array) have been checked</li></ol> <p><b>Max 6</b></p> |
| 2(b) | <p>One mark per point:</p> <p>Construct: Selection</p> <p>Use: To test whether the (array) element is blank</p> <p>Alternative:</p> <p>Construct: Sequence</p> <p>Use: To specify the order in which the steps of the algorithm have to be followed so that the task is completed correctly</p>                                                                                                                                                                                                                                                                                                                                        |