

2(a)	<pre> DECLARE Count, Total, NextNumber : INTEGER Total ← 0 FOR Count ← 1 TO 100 OUTPUT "Input an integer value" INPUT NextNumber IF NextNumber > 0 THEN Total ← Total + NextNumber ENDIF NEXT Count OUTPUT Total </pre> Mark as follows: MP1 Declarations of all variables used MP2 Loop for 100 iterations MP3 Prompt and input a value in a loop and MP4 Test for value > 0 // >=1 in a loop MP5 Sum the Total in a loop MP6 Output of Total after the loop Max 5 marks
2(b)	MP1 Construct: Iteration / Repetition MP2 Use: To loop through all <u>100</u> inputs // To loop <u>100</u> times ALTERNATIVE: MP1 Construct: Selection MP2 Use: To test whether the value input is positive