

CHINIOT ISLAMIA COLLEGE

Computer Science OIII - P2

1st Quarterly Test

Computer Science OIII - P2

Total Marks: 100

Name: _____

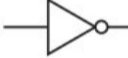
Section: _____

Q1 .

1.

Four logic functions and **five** standard symbols for logic gates are shown.

Draw **one** line to link each logic function to its standard symbol. **Not** all standard symbols will be used.

Logic function	Standard symbol
AND	
XOR	
NAND	
OR	
	

[4]

5

6 Totalling and counting are standard methods of solution.

Numbers are input. The number 9999.9 is the last number to be input and is ignored.

(a) Write an algorithm in pseudocode to total the numbers input and to output the total.
You do **not** need to validate the input.

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(b) Write an algorithm in pseudocode to count and output the number of input values that are greater than 100. You do **not** need to validate the input.

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..... [4]