

<u>QZ</u>

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i) 15 ns blc It is the time
of the longest cycle
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iii) 45 ns DIC its the length of the envire Iw instruc.

iv) Execution time = # Instructions CPI. To

multicycle:

MStructions: 100

CP1: 3.57 Tc: 15 ns

Execution time = 5355 ns

single cycle:

INSTRUCTONS: 100

Tc: 45 ns

execution time: 4500 ns