

Quiz-1

v3

Daffodil International University

Computer Architecture

Department of SWE

SE222

ID:

Section:

1. Draw the top view architecture of a General Purpose Processor. Define the purpose of program counter. (5+2)

2.

Types of Instruction	Instruction Count	Cycle Count
A	35000	5
B	40000	10
C	You need to find out it	4

We have total 100000 instructions.

- Determine the effective CPI. (3)
- If the MIPS is 5000 then find the cpu clock speed in GHz. (3)
- Find the execution time for the program. (2)