

Quiz#3b

Marks Distribution

Question 1: 1 pt,
2 2 pts,
3 2pt

Given Memory size = 16MB

Cache Size = 64KB

Block Size=8

Question: 1

In direct mapping, How many bits are required for "word", "line" and "tag" with 24 bit given address. Give a short description of assigning the bits to each of these.

Question: 2

Given Direct Mapping, and 24 bit adress **FC90A9**.

Write the **Word** part in binary

Write the **Line** part in binary

Question: 3

Given Associative mapping, and 24 bit adress **FC90A9**.

Write the **Word** part in Hexa

Write the **Block** part in binary