

[14] I valuate the arithmetic statement  $X = (A+B)^*(C+D)$  using a general register computer with three address, two address and one address instruction format. Explain DMA based data transfer. Give the respective block diagram. The xplain in brief with the help of a diagram the working of daisy chaining with multiple priority levels and multiple devices in each 6 fal 8how the memory organization (1024 bytes) of a computer with from 128x8 RAM Chips and 512x8 ROM Chip. How many address lines are required to access memory. 11st Typlain in detail the different mappings used for cache memory. Compare them. Write short notes:- C [a] CISC and RISC architectures. [b] Miero program sequencer. 2.5x4 [e] Interrupt and Instruction Cycle.

respectively. Also write

for which the proof holds

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