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Answer to the Question no-(4)

GPU is faster then cpu:

graphice processing unit(Gpu) is a part of pc. it is faster then cpu. Gpu execute SIMD instruction. many floting point operations with many Kernels (multidata, multi arguments, multiple instructions in multiple cpu cores) in parallel. and cup has single part of all. sothat Gpu is faster then cpu.

The Gpu composed hundreads of cores thousands of threads simulationes and the cpu 100+ cores with Gpu thousands of threads some software by 100x over a cpu along.

Ans:

Answer to the Question no-(2)

RISC	CISC
(I) Reduced Instruction Set computer	(I) Complex instruction set computer.
(II) Large Set of instruction	(II) Small set of Instruction
(III) Data transfer memory to memory	(III) Data transfer register to register.
(IV) Not register based introduction	(IV) Register based instructions.
(V) more memory access	(V) Less memory access
(VI) multi clock	(VI) single clock.

Answer to the question no (5)

64 bit operating System: This is called Long Mode, 64 bit mode is 64 bit application can access, the 64 bit instruction and registers while 32 bit and 16 bit programs are executed in a compatibility sub mode.

Cache memory speed up because:

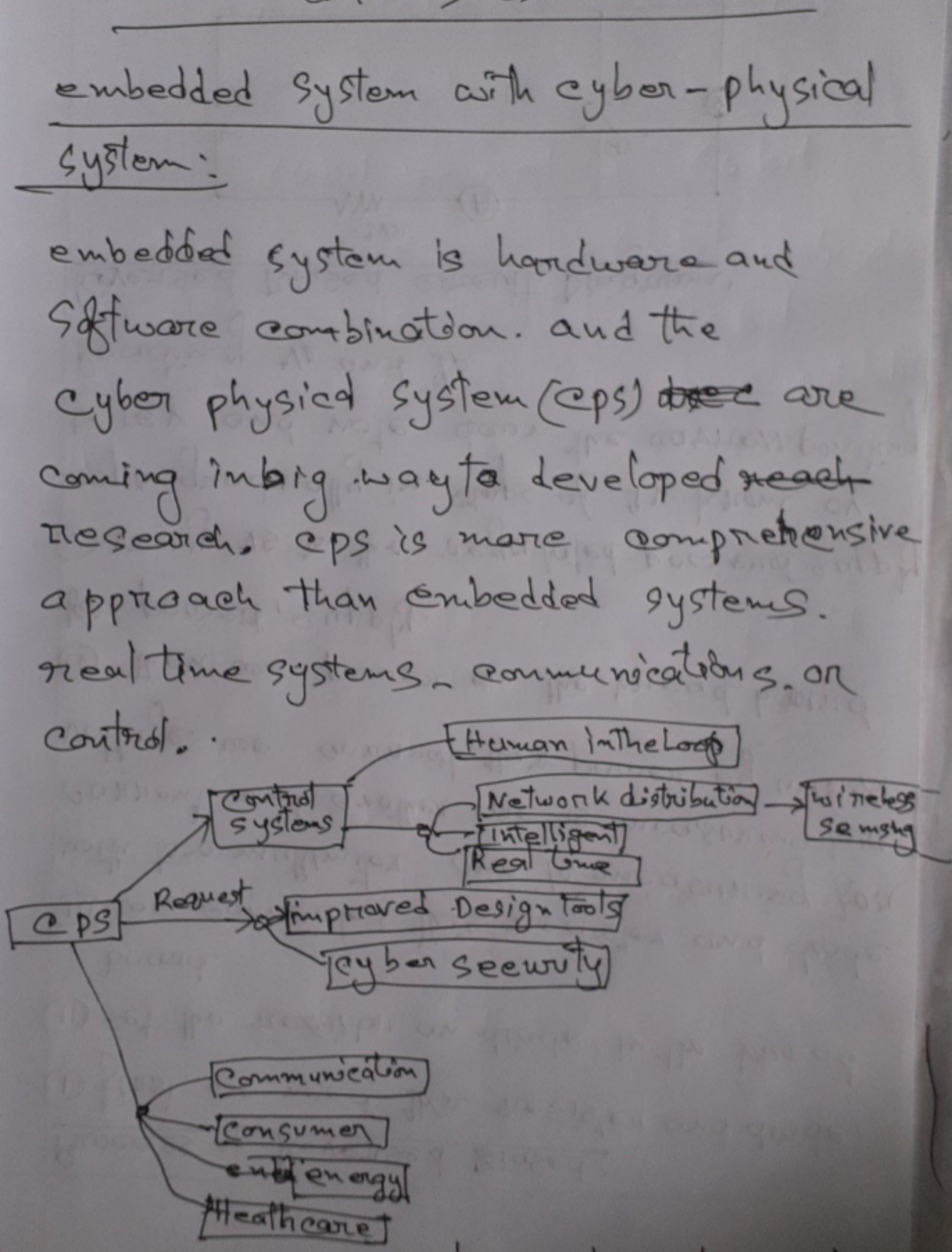
Cache memory holds frequently used instructions / data which the processor may require and it faster access memory than Ram,.

This reduces the need for frequent slower memory from main memory. other wise keep the cpu waiting.

Answer to the Question no-(1)

embedded System with cyber-physical System:

embedded system is hardware and Software combination. and the cyber physicd system (cps) ~~dsec~~ are coming inbig way to developed ~~reach~~ research. cps is mare comprehensive approach than embedded systems. real time systems. communications. or control.



Boot Fig! Conceept map of cps for robot.