10 Lecture - CS501

Important Mcqs

1. Which of the following is a custom design instruction set architecture developed by Qualcomm?

a) ISA b) FALCON-E c) ARM d) x86 Answer: b) FALCON-E

What is the aim of FALCON-E architecture?

a) To improve performance and energy efficiency for specific applications

b) To provide compatibility across different processors

c) To simplify the instruction set

d) None of the above

Answer: a) To improve improve performance and energy efficiency for specific applications

Which of the following is a standardized instruction set architecture used by many processor manufacturers?

a) FALCON-E b) ARM c) ISA d) x86 Answer: c) ISA

Which architecture provides compatibility across different processors?

a) FALCON-E b) ARM c) ISA d) x86 <mark>Answer: c) ISA</mark>

Which of the following is true regarding FALCON-E architecture?

a) It aims to simplify the instruction set

b) It is a standardized instruction set architecture

c) It provides compatibility across different processors

d) It is developed by Intel

Answer: a) It aims to simplify the instruction set

What are the factors that need to be analyzed while comparing FALCON-E and ISA?

a) Instruction set complexity

b) Power consumption

c) Compatibility with software

d) All of the above

Answer: d) All of the above

Which architecture provides improved performance and energy efficiency for specific

applications?

a) FALCON-E b) ARM c) ISA d) x86 Answer: a) FALCON-E

Which architecture is used by many processor manufacturers to ensure compatibility? a) FALCON-E

b) ARM c) ISA d) x86 Answer: c) ISA

Which architecture is most suitable for applications that require high performance and energy efficiency?

a) FALCON-E b) ARM c) ISA d) x86 <mark>Answer: a) FALCON-E</mark>

Which architecture is most suitable for applications that require compatibility across different processors?

a) FALCON-E b) ARM c) ISA d) x86 <mark>Answer: c) ISA</mark>