

# 9 Lecture - CS501

## Important Mcqs

1. **What is the primary use of FALCON-A and EAGLE processors?**

- a. Gaming consoles
- b. AI and machine learning
- c. Smartphones
- d. Embedded systems

**Answer: b**

**Which processor has a higher bit width, FALCON-A or EAGLE?**

- a. FALCON-A
- b. EAGLE
- c. Both have the same bit width
- d. None of the above

**Answer: a**

**What is the pipeline issue width of FALCON-A?**

- a. 4
- b. 5
- c. 6
- d. 7

**Answer: c**

**What is the pipeline issue width of EAGLE?**

- a. 3
- b. 4
- c. 5
- d. 6

**Answer: c**

**Which of the following is not a feature of FALCON-A and EAGLE processors?**

- a. Dedicated hardware accelerators
- b. Advanced branch prediction
- c. Reduced Instruction Set Architecture (RISC)
- d. Cache management techniques

**Answer: c**

**What type of instruction set architecture do FALCON-A and EAGLE processors support?**

- a. Complex Instruction Set Architecture (CISA)
- b. Reduced Instruction Set Architecture (RISC)
- c. Both a and b
- d. None of the above

**Answer: a**

**Which processor is better suited for multimedia processing?**

- a. FALCON-A

- b. EAGLE
- c. Both are equally suited
- d. None of the above

Answer: a

**Which processor has a higher number of issue stages?**

- a. FALCON-A
- b. EAGLE
- c. Both have the same number of issue stages
- d. None of the above

Answer: a

**What is the main advantage of FALCON-A and EAGLE processors?**

- a. High power consumption
- b. Flexible design options
- c. Low performance
- d. Limited applications

Answer: b

**Which of the following is not an application area of FALCON-A and EAGLE processors?**

- a. AI and machine learning
- b. Gaming consoles
- c. Embedded systems
- d. Signal processing

Answer: b