

# 17 Lecture - CS501

## Important Mcqs

### 1. What is machine reset?

- A. The process of restoring a computer system to its initial state
- B. The process of shutting down a computer system
- C. The process of updating the software of a computer system

Answer: A

### What are machine exceptions?

- A. Unexpected events that occur during the operation of a computer system
- B. Expected events that occur during the operation of a computer system
- C. Events that occur during the boot-up process of a computer system

Answer: A

### Which component of the computer system is responsible for handling machine exceptions?

- A. Memory
- B. Input/output devices
- C. Control unit

Answer: C

### Which of the following is not an example of a machine exception?

- A. Divide-by-zero error
- B. Invalid memory access
- C. Operating system update

Answer: C

### What is the purpose of a machine reset?

- A. To restore a computer system to its initial state
- B. To update the software of a computer system
- C. To shutdown a computer system

Answer: A

### When is a machine reset typically performed?

- A. During the boot-up process
- B. During the shutdown process
- C. When the system becomes unresponsive

Answer: A

### Which of the following is not a component that is reset during a machine reset?

- A. Control unit
- B. Memory
- C. Input/output devices

Answer: C

### What is the role of the control unit in handling machine exceptions?

- A. To generate an exception handler routine

- B. To shut down the system
- C. To clear the memory

**Answer: A**

**What can cause a machine exception?**

- A. Divide-by-zero error
- B. Invalid memory access
- C. Expected events during the operation of a computer system

**Answer: A and B**

**Which of the following is a technique used to prevent machine exceptions?**

- A. Machine reset
- B. Exception handling
- C. Error correction codes

**Answer: C**