## 35 Lecture - CS302

### **Important Mcqs**

1.	What is one of the most common applications of shift registers in digital electronics?  A. Binary arithmetic  B. Analog signal processing  C. Power regulation  D. Data storage  Answer: D
	Shift registers can be used to convert a data stream into a parallel data stream.  A. Parallel B. Analog C. Digital D. Serial Answer: D
	Shift registers can be used as in digital circuits, such as in digital signal processing applications.  A. Storage devices B. Delay lines C. Multiplexers D. Flip-flops Answer: B
	How can shift registers be used in data encryption algorithms?  A. To encode and decode data in a secure manner  B. To compress data  C. To amplify data signals  D. To filter data signals  Answer: A
	Which of the following is NOT an application of shift registers?  A. Power regulation  B. Digital signal processing  C. Data compression  D. Delay lines  Answer: A
	Multiple shift registers can be used to perform binary, such as addition, subtraction, and multiplication.  A. Division B. Arithmetic C. Compression D. Encryption  Answer: R

What is one application of shift registers in audio processing?

- B. Analog signal processing
- C. Delaying audio signals
- D. Power regulation

Answer: C

# Shift registers can be used in data compression algorithms to encode data in a more format.

- A. Efficient
- B. Secure
- C. Analog
- D. Delayed

Answer: A

#### What is one application of shift registers in digital signal processing?

- A. Power regulation
- B. Analog signal processing
- C. Data compression
- D. Filtering

Answer: D

### Which type of shift register has both parallel input and output?

- A. Serial-in, serial-out
- B. Parallel-in, parallel-out
- C. Serial-in, parallel-out
- D. None of the above

Answer: B