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: B

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