**DCA1108 Fundamentals of Computers & Digital Systems**

**Assignment Set – I**

1. Differentiate between Analog and Digital Signal.

2. Elucidate the generation of computers.

3. Compare and contrast the binary, decimal, octal, and hexadecimal number systems.

**Assignment Set – II**

4. Difference between MUX and DEMU.

5. Define Synchronous Counter. Explain its purpose.

6. Define Shift registers and explicate its purpose.

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