
 <b>SGVU</b> SURESH GYAN VIHAR UNIVERSITY DIRECTORATE OF DISTANCE EDUCATION	<b>INTERNAL ASSIGNMENT - 1</b>
Course: MCA	<b>FUNDAMENTALS OF COMPUTER</b>
Semester: I	
Specialization: NA      Total Marks- 15	

**Q.1. Write answers for any two questions from below. (5 marks each – Word limit – 500)**

- A. What are the 2 forms of Boolean expression? Define Minterm & Maxterm.**
- B. What do you understand by input and output device?**
- C. Explain commutative, associative, and distributive law with suitable examples.**

**Q.2. Write short notes on all of the following topics (1 mark each – Word limit – 100)**

- A. Duality Theorem**
- B. Circuit Diagram**
- C. Block diagram**
- D. Parallel Input Serial Output**
- E. Serial Input Serial Output**

 <b>SGVU</b> SURESH GYAN VIHAR UNIVERSITY DIRECTORATE OF DISTANCE EDUCATION	<b>INTERNAL ASSIGNMENT - 2</b>
Course: MCA	<b>FUNDAMENTALS OF COMPUTER</b>
Semester: I	
Specialization: NA      Total Marks- 15	

**Q.1. Write answers for any two questions from below. (5 marks each – Word limit – 500)**

- A. Explain commutative, associative, and distributive law with suitable examples.**
- B. Define registers. Define shift registers. What are the different types of shift type?**
- C. Give the comparison between synchronous & Asynchronous counters.**

**Q.2. Write short notes on all of the following topics (1 mark each – Word limit – 100)**

- A. Functions of CPU**
- B. Addressing Modes**
- C. Any three addressing modes**
- D. Void Pointer**
- E. Pipeline Conflicts**