1. (1.) Complete the following truth table to represent full adder.

Inputs			Outputs	
A	B	Carry In	Sum	Carry out
0	0	0		
0	0	1		
0	1	0		
0	1	1		
1	0	0		
1	0	1		
1	1	0		
1	1	1		

(2.) Construct the logic circuit for Full Adder.

2. Describe "What is a file system?" and mention the file system that owns the following characteristics

Characteristic	FAT/NTFS
Uses file encryption to increase the file security.	
Doesn't support with Unicode system.	
It allows sharing data between operating systems.	
It has high speed to read and write data.	