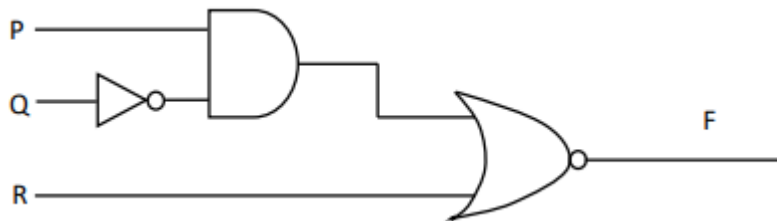




1. Write the Boolean expression for logical circuit in following diagram. Draw related truth table.



2. Convert 11010101_2 binary number to a decimal number, state the intermediate steps.
3. What is the binary equivalent to the decimal 127? State the intermediate steps.
4. Match devices in column A with correct ports in column B by stating in front of the respective letter.

	A	B
A	Hard disk	Input Device
B	USB Port	Magnetic Technology
C	Optical Mark Recognition - (OMR)	Processing set of numbers to a order
D	Random Access Memory - (RAM)	Key Board
E	Arithmetic and Logical Unit – (ALU)	Main Memory