1. An EEPROM is:

**a. non-volatile**

b. impossible to reprogram

c. cheaper than Flash (per bit)

d. not byte-addressable

2.A mask is:

a. a code used to hide data in memory

**b. a sequence of bits used to identify bits of interest**

c. part of a method for securing memory

d. a secret key inside memory

3.Assume that you have a byte but you are interested in only the 2 least significant bits of the byte. Which hexadecimal number represents the mask that you would use to help you?

a. 0xFF

b. 0x80

c**. 0x03**

d. 0x02

4.How many wires are used for communication in the I2C protocol?

**a. 2**

b. 3

c. 4

d. 5

5.Which role describes a node that places data on the bus?

a. Master

b. Slave

**c. Transmitter**

d. Receiver

6.When is an Acknowledge bit sent?

a. at the beginning of each message

b. at the end of each message

c. before the address is sent

**d. after each byte is sent**

7.True or False: The Wire.write() function buffers data before sending it.

**True**

False

8.True or False: During normal operation, the SDA line should not change while the SCL line is high.

**True**

False