

Electrical 3

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ASANTE PRECIOUS ODURO

1) What type of file is produced by the linker in assembly language?

- a) Executable file**
- b) Object file**
- c) Listing file**
- d) None of the above**

Ans: A

2) How much memory can a standard 8086 processor address in real mode?

- a) 64kB**
- b) 1MB**
- c) 16MB**
- d) 4GB**

3) How many memory locations can be addressed by a microprocessor with 16 address lines?

- a) 16k**
- b) 64k**
- c) 1M**
- d) 16M**

4) Interrupts can be triggered by

- a) Address decoder**
- b) Tristate buffers**
- c) Hardware as well as software**
- d) Slow memory devices**

5) For integer data which data format is used by Intel x86 microprocessors?

- a) Big endian**
- b) Medium endian**

- c) Floating point
- d) Little endian

6) Which of the following buses would not be commonly found in a microprocessor system?

- a) Address bus
- b) Interrupt bus
- c) Data bus
- d) Control bus

7) How many bytes in a 1kB?

- a) 998
- b) 1000
- c) 1001
- d) 1024

8) Which of the following functional blocks would not be found in a typical microprocessor?

- a) Address decoding
- b) Registers
- c) Status bits
- d) ALU

9) How many bytes are in a 64kB? a) 64000

- b) 64004
- c) 65535
- d) 65536

10) Which of the following is inserted by the processor to allow the memory more time to respond?

- a) Stop state
- b) Delay cycle
- c) Wait state
- d) Burst cycle