**Quiz: x86 Registers**

**Q1) Which of the following registers is the Stack Pointer?**

AIX

ESI

EDX

EXC

ESP

SP

**Q2) BP is a register that holds the address of the next instruction to be executed.**

True

False

**Q3) AX is a 16-bit register, while EAX is a 32-bit register.**

True

False

**Q4) Which of the following registers is used for loops?**

ECX

EAX

EDX

EIP

DX

EXC

**Q5) Which of the following registers is the Source Index Pointer?**

EIS

EBP

SI

ESI

EBI

**Q6) Which of the following EFLAGS Registers is set if the result of the operation is Zero?**

SF

SS

FZ

AF

SD

ZF

**Q7) What is the name of the EFLAGS register that is used when the result of an operation is negative? \_\_\_\_\_\_\_\_\_\_\_\_**

**Q8) The register EAX can also be used to hold a function call's return value.**

True

False

**Q9) Which of the following registers is the Instruction Pointer?**

EBP

EIP

AX

IP

EPB

EAX

BP

**Q10) Which of the following registers is not a 32-bit register? (select all that apply)**

EBP

CX

EDI

RAX

RBX

EAX

EBX

ESP

ECX

CL

**Q11) Explain why the stack uses two registers.**