Test Bank for Starting out with Python 5th Edition by Gaddis

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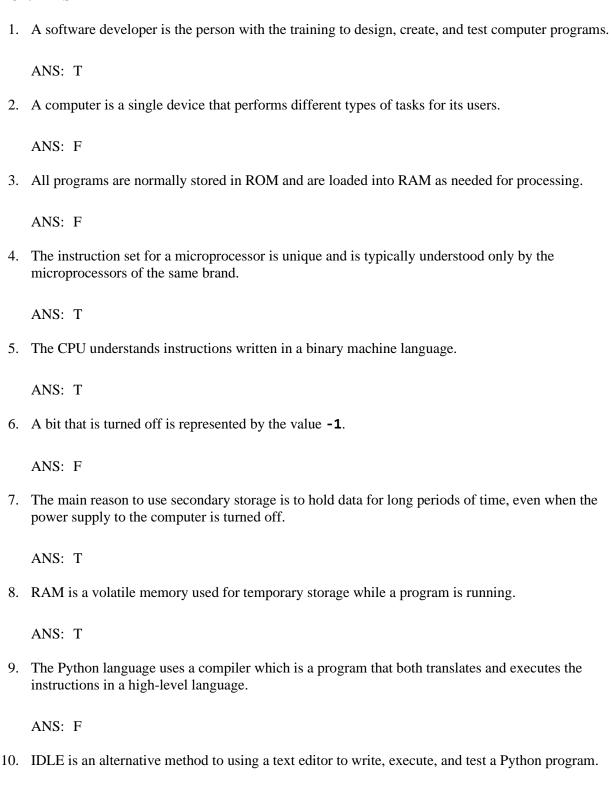
TONY GADDIS

Test Bank

Starting Out with Python 5e (Gaddis) Chapter 1 Introduction to Computers and Programming

TRUE/FALSE

ANS: T



MULTIPLE CHOICE

1. Programs are commonly referred to as

	a. system softwareb. softwarec. application softwared. utility programs				
	ANS: B				
2.	Which of the following is considered to be the world's first programmable electronic computer? a. IBM b. Dell c. ENIAC d. Gateway ANS: C				
3.	Where does a computer store a program and the data that the program is working with while the program is running? a. in main memory b. in the CPU c. in secondary storage d. in the microprocessor ANS: A				
4.	 a. ROM b. TMM c. RAM d. TVM ANS: C				
5.	Modern CPUs are much than the CPUs of early computers. a. larger and more powerful b. smaller and more powerful c. less powerful d. slower ANS: B				
6.	Which computer language uses short words known as mnemonics for writing programs? a. Assembly b. Java c. Pascal d. Visual Basic ANS: A				

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7.	The process known as the cycle is used by the CPU to execute instructions in a program.				
	a. decode-fetch-executeb. decode-execute-fetchc. fetch-decode-execute				
	d. fetch-execute-decode				
	ANS: C				
8.	Which language is referred to as a low-level language?				
	a. C++b. Assembly languagec. Javad. Python				
	ANS: B				
9.	The following is an example of an instruction written in which computer language? 10110000				
	a. Assembly language				
	b. Java				
	c. machine languaged. C#				
	ANS: C				
10.	The encoding technique used to store negative numbers in the computer's memory is called				
	a. Unicode				
	b. ASCIIc. floating-point notation				
	d. two's complement				
	ANS: D				
11.	The coding scheme contains a set of 128 numeric codes that are used to represent characters in the computer's memory.				
	a. Unicode				
	b. ASCII c. ENIAC				
	d. two's complement				
	ANS: B				
12.	The smallest storage location in a computer's memory is known as a				
	a. byte				
	b. ketterc. switch				
	d. bit				
	ANS: D				
13.	What is the largest value that can be stored in one byte?				

a. **255**

	c.	128 8 65535			
	AN	S: A			
14.		e disk drive is a secondary storage device that stores data by encoding it onto a nning circular disk.			
	b. c. d.	electrically magnetically digitally optically			
	AN	S: B			
15.	A has no moving parts and operates faster than a traditional disk drive.				
	b. c.	DVD drive solid state drive jumper drive hyper drive			
	AN	S: B			
16.	a. b. c. d.	the CPU main memory the operating system secondary storage devices S: C			
17.	Which type of error prevents the program from running?				
	c.	human			
	AN	S: A			
18.	a. b. c. d.	nat is the decimal value of the following binary number? 10011101 157 8 156 28			
	AN	S: C			

MULTIPLE RESPONSE

- 1. Select all that apply. To create a Python program you can use
 - a. a text editor

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- b. a word processor if you save your file as a .docx
- c IDLE
- d. Excel

ANS: A, C

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1.	A(n) is a set of instructions that a computer follows to perform a task.
	ANS: program
2.	The term refers to all the physical devices that make up a computer.
	ANS: hardware
3.	The is the part of the computer that actually runs programs and is the most important component in a computer.
	ANS: central processing unit, CPU
4.	A disk drive stores data by encoding it onto a circular disk.
	ANS: magnetically
5.	are small central processing unit chips.
	ANS: Microprocessors
6.	is a type of memory that can hold data for long periods of time, even when there is no power to the computer.
	ANS: Secondary storage
7.	Main memory is commonly known as
	ANS: random-access memory, RAM
8.	USB drives store data using memory.
	ANS: flash
9.	The Python is a program that can read Python programming statements and execute them
	ANS: interpreter
10.	In mode, the interpreter reads the contents of a file that contains Python statements and executes each statement.
	ANS: script