

Computer Science Ics Part 1 Chapter 2 Online Test

Sr	Questions	Answers Choice
1	What are default parameters in functions.	A. <p>Parameters that can't change</p> B. <p>Parameters with preset values</p> C. <p>Paramegters that break code</p> D. <p>Must use parameters</p>
2	What does the range (5) function generate.	A. <p>Number from 0 to 5 including 5</p> B. <p>Numbers form 1 to 5</p> C. <p>Numbers from 0 to 4</p> D. <p>Only the number 5</p>
3	What is debugging.	A. <p>Writing new code</p> B. <p>Finding and fixing errors</p> C. <p>Compiling</p> D. <p>Running test</p>
4	What is modular programming.	A. <p>One file</p> B. <p>Smaller modules</p> C. <p>No functions</p> D. <p>Single data structure</p>
5	How do you append data to a file	A. <p>Open in read mode</p> B. <p>Open in write mode</p> C. <p>Open in append mode</p> D. <p>Open in execuge mode</p>
6	How does the standard library help programmers.	A. <p>Complex algorithms</p> B. <p>Pre built solutions</p> C. <p>More coding</p> D. <p>Limited functionality</p>
7	An action needed during python instiallatio to run from the command line asily	A. <p>Uncheck Add phyton to PATH</p> B. <p>Choose a differrente IDE</p> C. <p>Install only the IDE</p> D. <p>Cheek Add Python to PATH</p>
8	How can you convert user input to an integer in Python.	A. <p>Using str()</p> B. <p>Using float ()</p> C. <p>Using int()</p> D. <p>Using bool ()</p>
9	What is testing in programming.	A. <p>writing code</p> B. <p>Running code with inputs</p> C. <p>Compiling</p> D. <p>Debugging</p>
10	What is the purpose of the range () function in Python.	A. <p>To create a list of strings</p> B. <p>To generate a sequence of numbers</p> C. <p>To store data in variables</p> D. <p>To compare values</p>
11	What does the try block do?	A. <p>Catches errors</p> B. <p>Test code for errors</p> C. <p>Terminates the program</p> D. <p>Writes to files</p>
12	What does the with statemetn do when handling files.	A. <p>Keeps the file open</p> B. <p>Ensures the file is closed</p> C. <p>Delects the file</p> D. <p>Reades the file</p>
13	Which loop runs as long as a condition is true.	A. <p>'for' loop</p> B. <p>'while ' loop</p> C. <p>'loop-until'</p> D. <p>repeat 'loop</p>
14	What is the result of dividing by zero in Python	A. <p>Returns zero</p> B. <p>Raises an error</p> C. <p>Returns infinity</p>

		D. <code><p>Terminates the program</p></code>
15	What is the main purpose of programming.	A. <code><p>To watch videos</p></code> B. <code><p>To create instructions for a &nbsp;computer</p></code> C. <code><p>To draw pictures</p></code> D. <code><p>To send emails</p></code>
16	What is the data type of the variable in this line. <code>price = 19.99</code> ?	A. <code><p>int</p></code> B. <code><p>str</p></code> C. <code><p>float</p></code> D. <code><p>bool</p></code>
17	Which tool is used to install Python packages.	A. <code><p>npm</p></code> B. <code><p>'pip'</p></code> C. <code><p>'git'</p></code> D. <code><p>'apt'</p></code>
18	What is the shorthand version of <code>if -else</code> written in one line called?	A. <code><p>Compact loop</p></code> B. <code><p>Ternary operator</p></code> C. <code><p>Short function&nbsp;</p></code> D. <code><p>Inline comment</p></code>
19	What is Python?	A. <code><p>A complex system language</p></code> B. <code><p>A high level, easy-to-learn programming language</p></code> C. <code><p>A web design tool</p></code> D. <code><p>A database system</p></code>
20	What is an expression in Python.	A. <code><p>A comment</p></code> B. <code><p>A combination of values, variables, and operators.</p></code> C. <code><p>A variable name</p></code> D. <code><p>An error message</p></code>