

Computer Science Ics Part 1 Chapter 2 Online Test

Sr	Questions	Answers Choice
1	What is Python?	<p>A. <p>A complex system language</p></p> <p>B. <p>A high level, easy-to-learn programming language</p></p> <p>C. <p>A web design tool</p></p> <p>D. <p>A database system</p></p>
2	The operation used to combine two lists in Python.	<p>A. <p>Combine ()</p></p> <p>B. <p>Concat()</p></p> <p>C. <p>+</p></p> <p>D. <p>merge ()</p></p>
3	What is the data structue in Python?	<p>A. <p>A way to write comments</p></p> <p>B. <p>A way to organie and store data</p></p> <p>C. <p>A type of function only</p></p> <p>D. <p>A method to detete files</p></p>
4	What does an IDE help with.	<p>A. <p>Watching movies</p></p> <p>B. <p>Writing and debugging &nbsp;code</p></p> <p>C. <p>Playing games</p></p> <p>D. <p>Sending messages</p></p>
5	What does return do in a function.	<p>A. <p>Prints output always</p></p> <p>B. <p>Stos the program</p></p> <p>C. <p>Sends back a value</p></p> <p>D. <p>Deletes the function</p></p>
6	Which loop runs as long as a condition is true.	<p>A. <p>'for' loop</p></p> <p>B. <p>'while ' loop</p></p> <p>C. <p>'loop-until'</p></p> <p>D. <p>repeat 'loop</p></p>
7	Which of the following cannot be used as variable name in Phyton.	<p>A. <p>age</p></p> <p>B. <p>_score</p></p> <p>C. <p>for</p></p> <p>D. <p>user_name</p></p>
8	Which of the following fields used python	<p>A. <p>Game developement</p></p> <p>B. <p>Data Analysis</p></p> <p>C. <p>Artificial Intelligence</p></p> <p>D. <p>All of the above</p></p>
9	What does pdb do.	<p>A. <p>Compiles code</p></p> <p>B. <p>Steps through and inspects code</p></p> <p>C. <p>Writes tests</p></p> <p>D. <p>Optimizes performance</p></p>
10	What is testing in programming.	<p>A. <p>writing code</p></p> <p>B. <p>Running code with inputs</p></p> <p>C. <p>Compiling</p></p> <p>D. <p>Debugging</p></p>
11	Which tool is used to install Python packages.	<p>A. <p>npm</p></p> <p>B. <p>'pip'</p></p> <p>C. <p>'git'</p></p> <p>D. <p>'apt'</p></p>
12	What is an operator in Python.	<p>A. <p>A value</p></p> <p>B. <p>A symbol that performs an operation&nbsp;</p></p> <p>C. <p>A comment</p></p> <p>D. <p>A function&nbsp;</p></p>
13	Which loop is best for iterating over a sequence like a list or string.	<p>A. <p>While loop</p></p> <p>B. <p>for loop</p></p> <p>C. <p>do -while loop</p></p> <p>D. <p>switch loop</p></p>
14	What is Object -Oriented programming (OOP)?	<p>A. <p>Code with functions</p></p> <p>B. <p>Code with classes and objects</p></p>

		C. <p>Single file coding</p> D. <p>Procedural programming</p>
15	Why practice indexing and slicing	A. <p>Not important</p> B. <p>Retrieve elements efficiently</p> C. <p>Only for lists</p> D. <p>Only for strings</p>
16	What does the range (5) function generate.	A. <p>Number from 0 to 5 including 5</p> B. <p>Numbers from 1 to 5</p> C. <p>Numbers from 0 to 4</p> D. <p>Only the number 5</p>
17	How do you use a module in code.	A. <p>By copying it</p> B. <p>By renaming it</p> C. <p>By importing it</p> D. <p>By printing it</p>
18	What is the main purpose of programming.	A. <p>To watch videos</p> B. <p>To create instructions for a computer</p> C. <p>To draw pictures</p> D. <p>To send emails</p>
19	What is the result of 3** 2 ?	A. <p>6</p> B. <p>5</p> C. <p>8</p> D. <p>9</p>
20	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>