

Computer Science Ics Part 1 Chapter 2 Online Test

Sr	Questions	Answers Choice
1	Which method adds an item to the end of a list	<p>A. <code>Append</code></p> <p>B. <code>Insert</code></p> <p>C. <code>Add</code></p> <p>D. <code>Extend</code></p>
2	What is the main purpose of programming.	<p>A. <code>To watch videos</code></p> <p>B. <code>To create instructions for a computer</code></p> <p>C. <code>To draw pictures</code></p> <p>D. <code>To send emails</code></p>
3	What is the result of the expressi on? '3+4 *2'?	<p>A. <code>10</code></p> <p>B. <code>11</code></p> <p>C. <code>14</code></p> <p>D. <code>6</code></p>
4	Which loop is best for iterating over a sequence like a list or string.	<p>A. <code>While loop</code></p> <p>B. <code>for loop</code></p> <p>C. <code>do -while loop</code></p> <p>D. <code>switch loop</code></p>
5	What is the data structue in Python?	<p>A. <code>A way to write comments</code></p> <p>B. <code>A way to organie and store data</code></p> <p>C. <code>A type of function only</code></p> <p>D. <code>A method to detete files</code></p>
6	Which OOP principle allows code reuse.	<p>A. <code>Encapsulation</code></p> <p>B. <code>Inheritance</code></p> <p>C. <code>Polymorphism</code></p> <p>D. <code>All</code></p>
7	How do you use a module in code.	<p>A. <code>By copying it</code></p> <p>B. <code>By renaming it</code></p> <p>C. <code>By importing it</code></p> <p>D. <code>By printing it</code></p>
8	Which of the following is a valid variable name in Phyton.	<p>A. <code>My _variable</code></p> <p>B. <code>2nd Place</code></p> <p>C. <code>my-Var</code></p> <p>D. <code>@NAME</code></p>
9	What is Python 's standard library.	<p>A. <code>Built-in modules</code></p> <p>B. <code>External libraties</code></p> <p>C. <code>Code database</code></p> <p>D. <code>Debugging tool</code></p>
10	Which stateemnt allows checking multiple conditions in order.	<p>A. <code>if</code></p> <p>B. <code>if-elif-else</code></p> <p>C. <code>short -had if else</code></p> <p>D. <code>if -else</code></p>
11	What is the purpose of comments in Python.?	<p>A. <code>To run code faster</code></p> <p>B. <code>To explain or note code for betterunderstanding</code></p> <p>C. <code>To delete code permanently</code></p> <p>D. <code>To change variable names</code></p>
12	Why is the main () function important.	<p>A. <code>Faster execution</code></p> <p>B. <code>Organizes code</code></p> <p>C. <code>Infiniteloops</code></p> <p>D. <code>Not important</code></p>
13	What is an operator in Python.	<p>A. <code>A value</code></p> <p>B. <code>A symbol that performs an operation</code></p> <p>C. <code>A comment</code></p> <p>D. <code>A function</code></p>
14	A output of the following code is: temperature, humidity , wid_ speed 25,60,15 print("Hot and humid" if temperature >30 and humidity >50 else "Warm and breez" if	<p>A. <code>Warm</code></p> <p>B. <code>Hot</code></p>

temperature == 25 and wind_speed > 10 else "Cool and dry" If temperature < 20 and humidity < else "Moderate")

C. <p>Cool</p>
D. <p>Nothing</p>

15	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>
16	What does 'self' represent?	A. <p>Global variable</p> B. <p>The class</p> C. <p>Instance of the class</p> D. <p>Built-in function</p>
17	What does pdb do.	A. <p>Compiles code</p> B. <p>Steps through and inspects code</p> C. <p>Writes tests</p> D. <p>Optimizes performance</p>
18	How mode is used to overwrite a file	A. <p>read (r)</p> B. <p>Write (w)</p> C. <p>append (a)</p> D. <p>execute (x)</p>
19	What does the describe() method do?	A. <p>Initializes the object</p> B. <p>Describes the toy car</p> C. <p>Creates a toy car</p> D. <p>Modifies attributes</p>
20	What is a library in Python.	A. <p>A single function</p> B. <p>A list of variables</p> C. <p>A collection of modules</p> D. <p>A comment block</p>