

Computer Science Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	What is a tree in data structures.	<p>A. Linear data</p> <p>B. Math function</p> <p>C. Hierarchical structure</p> <p>D. Loop</p>
2	What is the purpose of the collaborative storytelling activity	<p>A. To practice writing</p> <p>B. To improve storytelling and creativity</p> <p>C. to limit participation</p> <p>D. To focus on individual ideas</p>
3	Boolean operator used to exclude a term from search results.	<p>A. OR</p> <p>B. AND</p> <p>C. NOT</p> <p>D. NETTHER</p>
4	Which clustering method requires choosing the number of groups beforehand.	<p>A. Hierarchical clustering</p> <p>B. Dbscan</p> <p>C. k-means clustering</p> <p>D. gaussian mixture model</p>
5	Which of the following is a code editor.	<p>A. GCC</p> <p>B. GDB</p> <p>C. VS code</p> <p>D. Python</p>
6	What is the purpose of comments in Python.?	<p>A. To run code faster</p> <p>B. To explain or note code for better understanding</p> <p>C. To delete code permanently</p> <p>D. To change variable names</p>
7	How do terms of Use help users.	<p>A. Hide important rules</p> <p>B. Shows clear rules and expectations</p> <p>C. Make service cost more</p> <p>D. Limit all users</p>
8	Real-life application of ethics includes.	<p>A. Sell data</p> <p>B. No reason given</p> <p>C. Ensure privacy and honesty</p> <p>D. Ignore feedback</p>
9	Which of the following uses AI to recognize faces and voices	<p>A. Siri</p> <p>B. Google drive</p> <p>C. Dropbox</p> <p>D. Microsoft word</p>
10	Which is good practice when managing digital resources.	<p>A. Save everything in one folder</p> <p>B. Delete all files</p> <p>C. Use note taking apps</p> <p>D. Share all files publicly</p>
11	How can blockchain help in healthcare.	<p>A. Store patient records securely</p> <p>B. Print documents</p> <p>C. Play videos</p> <p>D. Share social media</p>
12	What does return do in a function.	<p>A. Prints output always</p> <p>B. Stops the program</p> <p>C. Sends back a value</p> <p>D. Deletes the function</p>
13	What is the key difference between a tuple and a list.	<p>A. Mutable vs immutable</p> <p>B. Variable declaration</p> <p>C. Data type</p> <p>D. Syntax</p>
		<p>A. Increase data prices</p>

14	What is a way to bridge the digital divide.	<p>B. <p>Build internet infrastructure</p></p> <p>C. <p>Stop online education&nbsp;</p></p></p> <p>D. <p>Limit phone use</p></p>
15	Why is testing prototypes important.	<p>A. <p>Confirms readiness</p></p> <p>B. <p>Eliminates development</p></p> <p>C. <p>Provides improvement insights</p></p> <p>D. <p>Focuses on finances</p></p>
16	A commonly used tool for creating data visualization	<p>A. <p>MS Excel</p></p> <p>B. <p>Python&nbsp;</p></p></p> <p>C. <p>Tableau</p></p> <p>D. <p>All of the above</p></p>
17	What is a loan.	<p>A. <p>Money saved for future use</p></p> <p>B. <p>Borrowed money that must be repaid</p></p> <p>C. <p>Total revenue earned</p></p> <p>D. <p>A types of investment</p></p>
18	How does Backtracking work.	<p>A. <p>Break in to parts</p></p> <p>B. <p>Make local choices</p></p> <p>C. <p>Build and backtrack</p></p> <p>D. <p>Store subproblems</p></p>
19	What is a benefit of peer feedback	<p>A. <p>Slows down process</p></p> <p>B. <p>Improves final product</p></p> <p>C. <p>Discourgages teamwork</p></p> <p>D. <p>Limits creativity</p></p>
20	A crucial skill for strovelling in business is	<p>A. <p>Emotional connection</p></p> <p>B. <p>Technical exprtise</p></p> <p>C. <p>Physical strength</p></p> <p>D. <p>High financial investment</p></p>