

Computer Science Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	Which algorithm is used for predicting numerical values.	<p>A. Logistic regression</p> <p>B. Linear regression</p> <p>C. k-means clustering</p> <p>E. Decision tree</p>
2	How can you protect against malware.	<p>A. Download from unknown sites</p> <p>B. Ignore updates</p> <p>C. Share passwords</p> <p>D. Use updated antivirus</p>
3	When is Generate and Test best.	<p>A. small problem space</p> <p>B. Large problem space</p> <p>C. No testing needed</p> <p>D. No solutions exist</p>
4	What defines a Greedy algorithm	<p>A. Explore all solutions</p> <p>B. Make best local choice</p> <p>C. Store results</p> <p>D. Divide problems</p>
5	Which variable name is invalid.	<p>A. my_var</p> <p>B. _count</p> <p>C. 2nd_place</p> <p>D. MAX_VALUE</p>
6	Treating participants with dignity is called	<p>A. Privacy</p> <p>B. Respect</p> <p>C. speed</p> <p>D. Cost</p>
7	How do customer surveys gather information.	<p>A. Through in depth interviews</p> <p>B. By collecting demographic data</p> <p>C. By asking a series of questions</p> <p>D. Through market analysis</p>
8	The primary goal of entrepreneurship is.	<p>A. To create new technologies</p> <p>B. To solve problems and create value</p> <p>C. To manage finance</p> <p>D. To compete with large corporations</p>
9	The key purpose of online libraries.	<p>A. Providing access to entertainment</p> <p>B. Offering a variety of academic resources</p> <p>C. Promoting social media interaction</p> <p>D. Selling digital books and materials</p>
10	The purpose of the keyword used with a Python list	<p>A. Add an item to the list</p> <p>B. Removes an item from the list</p> <p>C. Checks if an item exists in the list</p> <p>D. Returns the length of the list</p>
11	What do sorting algorithms mainly do.	<p>A. Network routing</p> <p>B. Arrange data</p> <p>C. Find node links</p> <p>D. Search data</p>
12	What is cybersecurity awareness.	<p>A. Knowing how to use apps</p> <p>B. Using strong Wi-Fi</p> <p>C. Buying antivirus only</p> <p>D. Understanding online threats and how to stay safe</p>
		<p>A. Numerical data</p>

13	What does qualitative research focus on	<p>B. <p>Custoemr motivations and optinions</p> C. <p>Market trends</p> D. <p>Competitor pricing</p></p>
14	What is low latency in edge computing.	<p>A. <p>Long delays</p> B. <p>Very little delay</p> C. <p>High cost</p> D. <p>Poor Connection</p></p>
15	Easy to verify but hard to solve problem are in.	<p>A. <p>NP</p> B. <p>P</p> C. <p>NP hard</p> D. <p>Undecidable</p></p>
16	Which of the following is a quality assurqnce activity.	<p>A. <p>Coding&nbsp;</p> B. <p>Code review and testing</p> C. <p>Marketing</p> D. <p>Hiring</p></p>
17	What is an IDE?	<p>A. <p>A code writer</p> B. <p>Tools in one interface</p> C. <p>Testing framework</p> D. <p>Deployment tool</p></p>
18	Which diagram shows P, NO, NP-hard, NP Complete	<p>A. <p>Bar chart</p> B. <p>Pie chart</p> C. <p>Venn diagram</p> D. <p>Lne graph</p></p>
19	Which data tpe represents text in python.	<p>A. <p>int</p> B. <p>str</p> C. <p>float</p> D. <p>bool</p></p>
20	Way for a company to protect a trade secret.	<p>A. <p>Register it with the IPO</p> B. <p>Apply for a trademark</p> C. <p>Keep it confidential and use legal agreemets</p> D. <p>Publish it in a journal</p></p>