

## Computer Science Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	A Lahore jewiry start up uses instagram This strategy	<p>A. &lt;p&gt;Limits reach&lt;/p&gt;</p> <p>B. &lt;p&gt;Copies rivals&lt;/p&gt;</p> <p>C. &lt;p&gt;Ignores trends&lt;/p&gt;</p> <p>D. &lt;p&gt;Targets audience&lt;/p&gt;</p>
2	A crucial skill for strovelling in business is	<p>A. &lt;p&gt;Emotional connection&lt;/p&gt;</p> <p>B. &lt;p&gt;Technical exprtiese&lt;/p&gt;</p> <p>C. &lt;p&gt;Physical strength&lt;/p&gt;</p> <p>D. &lt;p&gt;High financial investment&lt;/p&gt;</p>
3	What is a tree in data structures.	<p>A. &lt;p&gt;Linear data&lt;/p&gt;</p> <p>B. &lt;p&gt;Math function&amp;nbsp;&lt;/p&gt;</p> <p>C. &lt;p&gt;Hiarchical structure&lt;/p&gt;</p> <p>D. &lt;p&gt;Loop&lt;/p&gt;</p>
4	Which type of grah has edges with direction.	<p>A. &lt;p&gt;Undirected graph&lt;/p&gt;</p> <p>B. &lt;p&gt;Directed graph&lt;/p&gt;</p> <p>C. &lt;p&gt;Weighted graph&lt;/p&gt;</p> <p>D. &lt;p&gt;Binary graph&lt;/p&gt;</p>
5	NP Problems can be	<p>A. &lt;p&gt;Solved in polynomial time&lt;/p&gt;</p> <p>B. &lt;p&gt;Verified in polynomial time&lt;/p&gt;</p> <p>C. &lt;p&gt;Solved in exponential timeonly&lt;/p&gt;</p> <p>D. &lt;p&gt;Not verified&lt;/p&gt;</p>
6	How can storytlling enhance a debate.	<p>A. &lt;p&gt;By making it longer&lt;/p&gt;</p> <p>B. &lt;p&gt;By making &amp;nbsp;&lt;arguments more relatable&lt;/p&gt;</p> <p>C. &lt;p&gt;By avoding personal experiences&lt;/p&gt;</p> <p>D. &lt;p&gt;Byusing techncial jargon&lt;/p&gt;</p>
7	What is a common debugging technique.	<p>A. &lt;p&gt;Writing more code&lt;/p&gt;</p> <p>B. &lt;p&gt;Print statement&lt;/p&gt;</p> <p>C. &lt;p&gt;Ignoring errors&lt;/p&gt;</p> <p>D. &lt;p&gt;Frequent compiling&lt;/p&gt;</p>
8	What do spam filters do.	<p>A. &lt;p&gt;Delete all emails&lt;/p&gt;</p> <p>B. &lt;p&gt;Block unwanted or dangerous emails&lt;/p&gt;</p> <p>C. &lt;p&gt;Track user data&lt;/p&gt;</p> <p>D. &lt;p&gt;Install spyware&lt;/p&gt;</p>
9	Which design pattern ensures only one instance of class exists.	<p>A. &lt;p&gt;Factory&lt;/p&gt;</p> <p>B. &lt;p&gt;Strategy&lt;/p&gt;</p> <p>C. &lt;p&gt;Singleton&lt;/p&gt;</p> <p>D. &lt;p&gt;Observer&lt;/p&gt;</p>
10	Which of the following is an application of lists.	<p>A. &lt;p&gt;Storing a single number&lt;/p&gt;</p> <p>B. &lt;p&gt;Implementing stacks and queues&lt;/p&gt;</p> <p>C. &lt;p&gt;Creating images&lt;/p&gt;</p> <p>D. &lt;p&gt;Playing music&lt;/p&gt;</p>
11	What is an object in Python.	<p>A. &lt;p&gt;Instance of a class&lt;/p&gt;</p> <p>B. &lt;p&gt;Template for classes&lt;/p&gt;</p> <p>C. &lt;p&gt;Type of variable&lt;/p&gt;</p> <p>D. &lt;p&gt;Build -in function&lt;/p&gt;</p>
12	Why is digital literacy important.	<p>A. &lt;p&gt;To use social medial only&lt;/p&gt;</p> <p>B. &lt;p&gt;To imporve tech sales&lt;/p&gt;</p> <p>C. &lt;p&gt;To develop digital skills and reduce the divide&lt;/p&gt;</p> <p>D. &lt;p&gt;To buy better phones&lt;/p&gt;</p>
13	Which of the following is a web development of framework.	<p>A. &lt;p&gt;Java&lt;/p&gt;</p> <p>B. &lt;p&gt;Python&lt;/p&gt;</p> <p>C. &lt;p&gt;Django&lt;/p&gt;</p> <p>D. &lt;p&gt;MySQL&lt;/p&gt;</p>
14	Which phase comes after testing in SDLC.	<p>A. &lt;p&gt;Requirement&lt;/p&gt;</p> <p>B. &lt;p&gt;Design&lt;/p&gt;</p> <p>C. &lt;p&gt;Deployment&lt;/p&gt;</p>

		D. <p>Debugging</p>
15	What is market segmentation.	A. <p>Analyzing competitors</p> B. <p>Breaking down a market into specific groups</p> C. <p>Collecting qualitative data</p> D. <p>Conducting surveys</p>
16	Which model predicts categorical outcomes.	A. <p>Linear regression</p> B. <p>Logistic regression</p> C. <p>Pca</p> D. <p>Arima</p>
17	What does using technology involve.	A. <p>Watching TV</p> B. <p>Typing documents</p> C. <p>Listenign to music</p> D. <p>Sleeping with devices</p>
18	What is the primary goal of algorithm design techniques.	A. <p>Improve hardware</p> B. <p>Solve problems systematically</p> C. <p>Reduce input size</p> D. <p>Debug software</p>
19	Which of the following is a code editor.	A. <p>GCC</p> B. <p>GDB</p> C. <p>VS code</p> D. <p>Python</p>
20	A team skips the "Empathize" stage What risk do they face.	A. <p>Clear feedback</p> B. <p>Misaligned solution</p> C. <p>Faster results</p> D. <p>Lower Costs</p>