

## Computer Science Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	What is unit testing?	<p>A. &lt;p&gt;Testing the whole app&lt;/p&gt;</p> <p>B. &lt;p&gt;Testing parts i isolation&amp;nbsp;&lt;/p&gt;&lt;/p&gt;</p> <p>C. &lt;p&gt;User interaction testing&lt;/p&gt;</p> <p>D. &lt;p&gt;Performance testing&lt;/p&gt;</p>
2	Waht does O (n2) indicate.	<p>A. &lt;p&gt;Linear growth&lt;/p&gt;</p> <p>B. &lt;p&gt;Constant time&lt;/p&gt;</p> <p>C. &lt;p&gt;Square of input&lt;/p&gt;</p> <p>D. &lt;p&gt;Logarithmic growth&lt;/p&gt;</p>
3	Why are collaboration and iteration important.	<p>A. &lt;p&gt;Limit creativity&lt;/p&gt;</p> <p>B. &lt;p&gt;Improve results&lt;/p&gt;</p> <p>C. &lt;p&gt;Complicate processes&lt;/p&gt;</p> <p>D. &lt;p&gt;Focus on individuas&lt;/p&gt;</p>
4	Whch is a sorting algorithms.	<p>A. &lt;p&gt;Linear search&lt;/p&gt;</p> <p>B. &lt;p&gt;Qucik sort&lt;/p&gt;</p> <p>C. &lt;p&gt;DFS&lt;/p&gt;</p> <p>D. &lt;p&gt;BFS&lt;/p&gt;</p>
5	How can you avoid plagirism	<p>A. &lt;p&gt;Giv credit to original authors&lt;/p&gt;</p> <p>B. &lt;p&gt;Copy text directly&lt;/p&gt;</p> <p>C. &lt;p&gt;Hide sources&lt;/p&gt;</p> <p>D. &lt;p&gt;Use others accounts&lt;/p&gt;</p>
6	What is spam.	<p>A. &lt;p&gt;Harmful software&lt;/p&gt;</p> <p>B. &lt;p&gt;Fake websaites&lt;/p&gt;</p> <p>C. &lt;p&gt;Unwanted messages&lt;/p&gt;</p> <p>D. &lt;p&gt;Secure login&lt;/p&gt;</p>
7	Standard deviationis.	<p>A. &lt;p&gt;Square root of variance&lt;/p&gt;</p> <p>B. &lt;p&gt;Square of variance&lt;/p&gt;</p> <p>C. &lt;p&gt;Half of variance&lt;/p&gt;</p> <p>D. &lt;p&gt;Sum of variance&lt;/p&gt;</p>
8	How does Divide and conqurr work	<p>A. &lt;p&gt;Make local choices&lt;/p&gt;</p> <p>B. &lt;p&gt;Break, sole, combine&lt;/p&gt;</p> <p>C. &lt;p&gt;Store subproblem results&lt;/p&gt;</p> <p>D. &lt;p&gt;Try all options, backtrack&lt;/p&gt;</p>
9	Why are commonly used algorithms important.	<p>A. &lt;p&gt;Reduce hardware cost&lt;/p&gt;</p> <p>B. &lt;p&gt;Solve common Problems efficiently&lt;/p&gt;</p> <p>C. &lt;p&gt;Remvoe need for data structure&lt;/p&gt;</p> <p>D. &lt;p&gt;For theory only&lt;/p&gt;</p>
10	What is low latency in edge computing.	<p>A. &lt;p&gt;Long delays&lt;/p&gt;</p> <p>B. &lt;p&gt;Very little delay&lt;/p&gt;</p> <p>C. &lt;p&gt;High cost&lt;/p&gt;</p> <p>D. &lt;p&gt;Poor Connection&lt;/p&gt;</p>
11	Why are primitive computational structures important in computer scieene.	<p>A. &lt;p&gt;They reduce memory&lt;/p&gt;</p> <p>B. &lt;p&gt;They for all software&lt;/p&gt;</p> <p>C. &lt;p&gt;Only for web dev&lt;/p&gt;</p> <p>D. &lt;p&gt;Increase hardware cost&lt;/p&gt;</p>
12	What does breaking a program into modules promote.	<p>A. &lt;p&gt;Code duplication&amp;nbsp;&lt;/p&gt;</p> <p>B. &lt;p&gt;Code reuse&lt;/p&gt;</p> <p>C. &lt;p&gt;Increased complexity&lt;/p&gt;</p> <p>D. &lt;p&gt;Longer development&lt;/p&gt;</p>
13	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>
14	Whch of the following is a built -in data structue in Python.	<p>A. &lt;p&gt;List&lt;/p&gt;</p> <p>B. &lt;p&gt;Array&lt;/p&gt;</p> <p>C. &lt;p&gt;Set&lt;/p&gt;</p> <p>D. &lt;p&gt;Stack&lt;/p&gt;</p>

15	What is the role of UML in software development.	A. <p>Writing code</p> B. <p>Visualizing system design</p> C. <p>Managing team communication&nbsp;</p> D. <p>Deploying software</p>
16	What does ethics in daa sciecne include.	A. <p>Data theft</p> B. <p>Fairness and bias</p> C. <p>Ignoring privacy</p> D. <p>Manipulating data</p>
17	How do customer surveys father information.	A. <p>Through in depth interviews</p> B. <p>By collecting demographic data</p> C. <p>By asking a series of questions</p> D. <p>Through market analysis</p>
18	How is profit calcaulted	A. <p>Revenue+ costs</p> B. <p>Revenue - Costs</p> C. <p>Revenue x costs</p> D. <p>Revenue / costs</p>
19	What is computational problem.	A. <p>solved using algorithm</p> B. <p>Solved using creativity</p> C. <p>Has unclear input</p> D. <p>Has no process</p>
20	Whcih has the highest preedence in Python expressions.	A. <p>Addition&nbsp;</p> B. <p>Parentheses '()'</p> C. <p>Multiplication&nbsp;</p> D. <p>Exponentiation</p>