

## Computer Science Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	What is interest .	<p>A. &lt;p&gt;The total revenue from sales&lt;/p&gt;</p> <p>B. &lt;p&gt;The cost of borrowing money&lt;/p&gt;</p> <p>C. &lt;p&gt;The amount saved for future needs&lt;/p&gt;</p> <p>D. &lt;p&gt;The total expenses incurred&lt;/p&gt;</p>
2	How does entrepreneurship contribute to problem solving.	<p>A. &lt;p&gt;Avoiding risks&lt;/p&gt;</p> <p>B. &lt;p&gt;Providing innovative solutions&lt;/p&gt;</p> <p>C. &lt;p&gt;Following practices&lt;/p&gt;</p> <p>D. &lt;p&gt;Focusing on profits&lt;/p&gt;</p>
3	Statistics is a branch of	<p>A. &lt;p&gt;Physics&lt;/p&gt;</p> <p>B. &lt;p&gt;Chemistry&lt;/p&gt;</p> <p>C. &lt;p&gt;Mathematics&lt;/p&gt;</p> <p>D. &lt;p&gt;Biology&lt;/p&gt;</p>
4	What is the middle value when data is arranged in order	<p>A. &lt;p&gt;Mean&lt;/p&gt;</p> <p>B. &lt;p&gt;Mode&lt;/p&gt;</p> <p>C. &lt;p&gt;Median&lt;/p&gt;</p> <p>D. &lt;p&gt;Standard Deviation&lt;/p&gt;</p>
5	What is the third element of [10,20,30,40]?	<p>A. &lt;p&gt;10&lt;/p&gt;</p> <p>B. &lt;p&gt;20&lt;/p&gt;</p> <p>C. &lt;p&gt;30&lt;/p&gt;</p> <p>D. &lt;p&gt;40&lt;/p&gt;</p>
6	Which measure tells how spread out the data is from the mean.	<p>A. &lt;p&gt;Mean&lt;/p&gt;</p> <p>B. &lt;p&gt;variance&lt;/p&gt;</p> <p>C. &lt;p&gt;Mode&lt;/p&gt;</p> <p>D. &lt;p&gt;Median&lt;/p&gt;</p>
7	What is the enqueue operation in a queue.	<p>A. &lt;p&gt;Removing an item from the front&lt;/p&gt;</p> <p>B. &lt;p&gt;Printing the queue&lt;/p&gt;</p> <p>C. &lt;p&gt;Adding an item to the back&lt;/p&gt;</p> <p>D. &lt;p&gt;Searching for an item&lt;/p&gt;</p>
8	The halting problem is.	<p>A. &lt;p&gt;Solvable and tractable&lt;/p&gt;</p> <p>B. &lt;p&gt;Unsolvable and in P&lt;/p&gt;</p> <p>C. &lt;p&gt;Unsolvable and not in NP&lt;/p&gt;</p> <p>D. &lt;p&gt;NP Complete&lt;/p&gt;</p>
9	Which is NOT a type of IP.	<p>A. &lt;p&gt;Patent&lt;/p&gt;</p> <p>B. &lt;p&gt;Password&lt;/p&gt;</p> <p>C. &lt;p&gt;Copyright&lt;/p&gt;</p> <p>D. &lt;p&gt;Trademark&lt;/p&gt;</p>
10	What is the recommended case for constants	<p>A. &lt;p&gt;Camel Case&lt;/p&gt;</p> <p>B. &lt;p&gt;Lowercase&lt;/p&gt;</p> <p>C. &lt;p&gt;Uppercase with underscores&lt;/p&gt;</p> <p>D. &lt;p&gt;snake_case&lt;/p&gt;</p>
11	How can Google Drive assist in teamwork.	<p>A. &lt;p&gt;Limit access&lt;/p&gt;</p> <p>B. &lt;p&gt;Simultaneous editing&lt;/p&gt;</p> <p>C. &lt;p&gt;Financial projections&lt;/p&gt;</p> <p>D. &lt;p&gt;Marketing plans&lt;/p&gt;</p>
12	Which chart is used to show distribution of data.	<p>A. &lt;p&gt;Line graph&lt;/p&gt;</p> <p>B. &lt;p&gt;Histogram&lt;/p&gt;</p> <p>C. &lt;p&gt;Pie chart&lt;/p&gt;</p> <p>D. &lt;p&gt;Boxplot&lt;/p&gt;</p>
13	Tractability depends on	<p>A. &lt;p&gt;Inputs&lt;/p&gt;</p> <p>B. &lt;p&gt;Complexity&lt;/p&gt;</p> <p>C. &lt;p&gt;Outputs&lt;/p&gt;</p> <p>D. &lt;p&gt;Algorithm type&lt;/p&gt;</p>
14	What is innovation.	<p>A. &lt;p&gt;New inventions&lt;/p&gt;</p> <p>B. &lt;p&gt;Improving existing methods&lt;/p&gt;</p>

		C. <p>Sticking to old practices</p> D. <p>Ignoring technology</p>
15	When is data removal acceptable	A. <p>When many rows are missing</p> B. <p>When only a few rows are missing</p> C. <p>Always</p> D. <p>Never</p>
16	The research ethics principle focused on honesty in reporting findings.	A. <p>Confidentiality</p> B. <p>Integrity</p> C. <p>Informed Consent</p> D. <p>Avoiding Bias</p>
17	Which design pattern helps notify multiple objects about changes in one object	A. <p>Observer</p> B. <p>Factory</p> C. <p>Strategy</p> D. <p>Singleton</p>
18	Which SDLC phase involves installing the software for users.	A. <p>Testing</p> B. <p>Coding</p> C. <p>Deployment</p> D. <p>Maintenance</p>
19	Why are collaboration and iteration important.	A. <p>Limit creativity</p> B. <p>Improve results</p> C. <p>Complicate processes</p> D. <p>Focus on individuals</p>
20	How does the digital divide affect healthcare.	A. <p>More hospitals are built</p> B. <p>People can't use online health services</p> C. <p>More doctors are available</p> D. <p>Medicine becomes cheaper</p>