

## Computer Science Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	A grocery store used inventory software to avoid stock outs. What type of solution is this.	A. <p>Legal</p> B. <p>Operational</p> C. <p>Marketing</p> D. <p>Financial</p>
2	What helps protect against phishing.	A. <p>Click all links</p> B. <p>Ignore browser warnings</p> C. <p>Share passwords</p> D. <p>Check website URL and "https"</p>
3	What is the main advantage of Dynamic Programming.	A. <p>Avoid redundant work</p> B. <p>Locally optimal results</p> C. <p>Sole independent problems</p> D. <p>Explore all options</p>
4	The purpose of the Limitations of Liability clause in Terms of Use.	A. <p>ensures full company responsibility</p> B. <p>Limits company's liability</p> C. <p>Provides user rights for damages</p> D. <p>Guarantees constant service availability</p>
5	What does the with statement do when handling files.	A. <p>Keeps the file open</p> B. <p>Ensures the file is closed</p> C. <p>Deletes the file</p> D. <p>Reads the file</p>
6	Which measure indicates the "average" value in a dataset.	A. <p>Mean</p> B. <p>Median</p> C. <p>Mode</p> D. <p>Range</p>
7	Why use real life tasks in algorithm learning.	A. <p>Show steps in life</p> B. <p>Make it harder</p> C. <p>Reduce interest</p> D. <p>Add confusion</p>
8	Before collecting student data you must.	A. <p>Publish early</p> B. <p>Ask Permission</p> C. <p>Use any method</p> D. <p>Ignore rules</p>
9	Blockchain is best described as a	A. <p>Centralized ledger</p> B. <p>Shared digital notebook</p> C. <p>Paper based system</p> D. <p>Simple calculator</p>
10	Which is solved by Dynamic programming.	A. <p>Coin Change</p> B. <p>Fibonacci sequence</p> C. <p>Merge sort</p> D. <p>Puzzle solving</p>
11	Why is bubble sort not for large datasets.	A. <p>Needs more memory</p> B. <p>O (n <sup>2</sup> ) time complexity</p> C. <p>Works on sorted data only</p> D. <p>Can't handle numbers</p>
12	Which cloud service gives full control over infrastructure like servers and storage.	A. <p>SaaS</p> B. <p>IaaS</p> C. <p>PaaS</p> D. <p>NaaS</p>
13	What makes multi cloud deployment useful	A. <p>Single provider</p> B. <p>A void single provider lock in</p> C. <p>Stops performance</p> D. <p>Increase cost</p>
14	What is online research primarily used for.	A. <p>Playing games</p> B. <p>Fast results</p> C. <p>Always Accurate</p> D. <p>...

		D. <p>&lt;p&gt;Supports decision making&lt;/p&gt;</p>
15	What does confidentiality mean in research.	A. <p>&lt;p&gt;Share all data&lt;/p&gt;</p> B. <p>&lt;p&gt;Keep personal info private&lt;/p&gt;</p> C. <p>&lt;p&gt;Publish early&lt;/p&gt;</p> D. <p>&lt;p&gt;Interview secretly&lt;/p&gt;</p>
16	What do spam filters do.	A. <p>&lt;p&gt;Delete all emails&lt;/p&gt;</p> B. <p>&lt;p&gt;Block unwanted or dangerous emails&lt;/p&gt;</p> C. <p>&lt;p&gt;Track user data&lt;/p&gt;</p> D. <p>&lt;p&gt;Install spyware&lt;/p&gt;</p>
17	In probability , what is the total numebr of outcomes called.	A. <p>&lt;p&gt;Favorable outcomes&lt;/p&gt;</p> B. <p>&lt;p&gt;Sample space&lt;/p&gt;</p> C. <p>&lt;p&gt;Random events&lt;/p&gt;</p> D. <p>&lt;p&gt;Total outcomes&lt;/p&gt;</p>
18	A bakery uses historicla sales data to predict Ramdadan demand. This is	A. <p>&lt;p&gt;Qualitative research&lt;/p&gt;</p> B. <p>&lt;p&gt;Random guessing&lt;/p&gt;</p> C. <p>&lt;p&gt;ignoring feedbck&lt;/p&gt;</p> D. <p>&lt;p&gt;Prdictive analysis&lt;/p&gt;</p>
19	What are collaborative tools used for.	A. <p>&lt;p&gt;Individual work&lt;/p&gt;</p> B. <p>&lt;p&gt;Teamwork&lt;/p&gt;</p> C. <p>&lt;p&gt;Financial analysis&lt;/p&gt;</p> D. <p>&lt;p&gt;Marketing&lt;/p&gt;</p>
20	What is the purpose of the range () function in Python.	A. <p>&lt;p&gt;To create a list of strings&lt;/p&gt;</p> B. <p>&lt;p&gt;To generate a sequence of numbers&lt;/p&gt;</p> C. <p>&lt;p&gt;To store data in variables&lt;/p&gt;</p> D. <p>&lt;p&gt;To compare values&lt;/p&gt;</p>