

## Computer Science Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	What is the purpose of the collaborative storytelling activity	<p>A. &lt;p&gt;To practice writing&lt;/p&gt;            B. &lt;p&gt;To improve storytelling and creativity&lt;/p&gt;            C. &lt;p&gt;to limit participation&lt;/p&gt;            D. &lt;p&gt;To focus on individual ideas&lt;/p&gt;</p>
2	Which factor affects software cost estimation	<p>A. &lt;p&gt;Team size&lt;/p&gt;            B. &lt;p&gt;Number of stakeholders&lt;/p&gt;            C. &lt;p&gt;Technology stack&lt;/p&gt;            D. &lt;p&gt;All of the above&lt;/p&gt;</p>
3	What protect brand names and logos.	<p>A. &lt;p&gt;Patent&lt;/p&gt;            B. &lt;p&gt;Trade mark&lt;/p&gt;            C. &lt;p&gt;Secret&lt;/p&gt;            D. &lt;p&gt;Copyright&lt;/p&gt;</p>
4	What is a public-private partnership in bridging the digital divide.	<p>A. &lt;p&gt;Government and companies work together&lt;/p&gt;            B. &lt;p&gt;Users share passwords&lt;/p&gt;            C. &lt;p&gt;companies compete&lt;/p&gt;            D. &lt;p&gt;Users pay more&lt;/p&gt;</p>
5	Why are financial concepts important for business.	<p>A. &lt;p&gt;To reduce costs&lt;/p&gt;            B. &lt;p&gt;To make better decisions and grow&lt;/p&gt;            C. &lt;p&gt;To limit competition&lt;/p&gt;            D. &lt;p&gt;To simplify operations&lt;/p&gt;</p>
6	Why does misinformation spread online.	<p>A. &lt;p&gt;Fast sharing of unverified content&lt;/p&gt;            B. &lt;p&gt;People read less&lt;/p&gt;            C. &lt;p&gt;Better education&lt;/p&gt;            D. &lt;p&gt;Slow internet&lt;/p&gt;</p>
7	Which of the following best describes primitive computational structures.	<p>A. &lt;p&gt;Advanced tools&lt;/p&gt;            B. &lt;p&gt;Complex Algorithms&lt;/p&gt;            C. &lt;p&gt;Basic building blocks of computing&lt;/p&gt;            D. &lt;p&gt;High level data types&lt;/p&gt;</p>
8	Once added, blockchain records cannot be changed. This property is called.	<p>A. &lt;p&gt;Flexibility&lt;/p&gt;            B. &lt;p&gt;Immutability&lt;/p&gt;            C. &lt;p&gt;Scalability&lt;/p&gt;            D. &lt;p&gt;Modifiability&lt;/p&gt;</p>
9	What is Python?	<p>A. &lt;p&gt;A complex system language&lt;/p&gt;            B. &lt;p&gt;A high level, easy-to-learn programming language&lt;/p&gt;            C. &lt;p&gt;A web design tool&lt;/p&gt;            D. &lt;p&gt;A database system&lt;/p&gt;</p>
10	Which loss function is used in linear regression.	<p>A. &lt;p&gt;log loss&lt;/p&gt;            B. &lt;p&gt;cross entropy loss&lt;/p&gt;            C. &lt;p&gt;Mean squared error&lt;/p&gt;            D. &lt;p&gt;Accuracy&lt;/p&gt;</p>
11	The option falls outside the category of intellectual property is.	<p>A. &lt;p&gt;Patents&lt;/p&gt;            B. &lt;p&gt;Trademarks&lt;/p&gt;            C. &lt;p&gt;Copyrights&lt;/p&gt;            D. &lt;p&gt;Physical Properties&lt;/p&gt;</p>
12	Why are commonly used algorithms important.	<p>A. &lt;p&gt;Reduce hardware cost&lt;/p&gt;            B. &lt;p&gt;Solve common Problems efficiently&lt;/p&gt;            C. &lt;p&gt;Remove need for data structure&lt;/p&gt;            D. &lt;p&gt;For theory only&lt;/p&gt;</p>
13	What does the with statement do when handling files.	<p>A. &lt;p&gt;Keeps the file open&lt;/p&gt;            B. &lt;p&gt;Ensures the file is closed&lt;/p&gt;            C. &lt;p&gt;Deletes the file&lt;/p&gt;            D. &lt;p&gt;Reads the file&lt;/p&gt;</p>

14	Which of the following is a key practice in Agile	A. <b>Continuous integration</b> B. Sequential planning C. Fixed scope D. No feedback loops
15	What technique estimates missing values using average.	A. <b>Imputation</b> B. Interpolation C. Flagging D. Removal
16	The behavior considered responsible digital conduct	A. <b>Using secure websites</b> B. Spreading false info online C. Respecting online privacy D. Reporting suspicious activity
17	What is the first step after collecting data.	A. Visualization B. <b>Data preparation</b> C. Modeling D. Presentation
18	Which model works well for small projects with fixed requirements.	A. Agile B. <b>Waterfall</b> C. Spiral D. Devops
19	A scenario where Dynamic programming proves most useful	A. Problem without overlapping sub problems B. Problems solved by making local choices C. <b>Problems with overlapping sub problems and optimal substructure</b> D. Problem divided into independent sub problems
20	What is a benefit of online education platforms.	A. Only for rich students B. Only for city schools C. No internet needed D. <b>Students can learn from top universities</b>