

Computer Science Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	Which notation shows the upper bound of time complexity.	<p>A. Ω</p> <p>B. Θ</p> <p>C. O</p> <p>D. Λ</p>
2	What does spyware do.	<p>A. Blocks ads</p> <p>B. Secures passwords</p> <p>C. Filters emails</p> <p>D. Tracks online activity secretly</p>
3	What is a leaf node.	<p>A. A node with many children</p> <p>B. A node with one child</p> <p>C. A node with no children</p> <p>D. A node with no parent</p>
4	A competitor sells artisanal bread. How might you differentiate	<p>A. Offer gourmet pastries</p> <p>B. Match their prices</p> <p>C. Copy recipes</p> <p>D. Ignore them</p>
5	How is collaboration seen in classrooms.	<p>A. Individual work</p> <p>B. Group projects</p> <p>C. Teacher lectures</p> <p>D. Exam competition</p>
6	Which company supports blockchain networks using cloud services.	<p>A. Facebook</p> <p>B. Amazon</p> <p>C. Twitter</p> <p>D. Instagram</p>
7	Importance of being specific when formulating a research question.	<p>A. To ensure it covers a wide range of topics</p> <p>B. To clearly define what you want to find and avoid vagueness</p> <p>C. To include as much information as possible</p> <p>D. To make the research more generalizable</p>
8	What does qualitative research focus on	<p>A. Numerical data</p> <p>B. Customer motivations and opinions</p> <p>C. Market trends</p> <p>D. Competitor pricing</p>
9	The halting problem is.	<p>A. Solvable and tractable</p> <p>B. Unsolvable and in P</p> <p>C. Unsolvable and not in NP</p> <p>D. NP Complete</p>
10	How does bubble sort work	<p>A. Select smallest and swap</p> <p>B. Swap adjacent if wrong</p> <p>C. Divide and merge</p> <p>D. Explore nodes level wise</p>
11	What are collaborative tools used for.	<p>A. Individual work</p> <p>B. Teamwork</p> <p>C. Financial analysis</p> <p>D. Marketing</p>
12	Which of the following is a web development framework.	<p>A. Java</p> <p>B. Python</p> <p>C. Django</p> <p>D. MySQL</p>
13	A juice shop emphasizes affordability and local farmers. This is.	<p>A. Unique, selling point</p> <p>B. Ignore trends</p> <p>C. Competitor copy</p> <p>D. Random detail</p>
14	Which cloud service gives full control over infrastructure like servers and storage.	<p>A. SaaS</p> <p>B. IaaS</p> <p>C. PaaS</p>

		D. <p>Nas</p>
15	Which of the following is an online computing platform.	A. <p>Visual Studio</p> B. <p>Repl .it</p> C. <p>Py Charm</p> D. <p>Eclipse</p>
16	What are the two main type of market. reserach techniques.	A. <p>Qualitative and descriptive</p> B. <p>Qualittative and quantittative</p> C. <p>Primary and secondary</p> D. <p>Exploratory and conclusive</p>
17	Probability can be expressed as.	A. <p>Only decimals</p> B. <p>Only percentages</p> C. <p>Fractions, decimals, or percentages </p> D. <p>Only fractions</p>
18	The option falls outside the category of intellectual property is.	A. <p>Patents</p> B. <p>Trademarks</p> C. <p>Copyrights</p> D. <p>Physical Properties</p>
19	What is a business plan.	A. <p>Financial report</p> B. <p>Business Roadmap</p> C. <p>Marketing strategy</p> D. <p>Legal document</p>
20	What is generate and Test algorithm	A. <p>Tests all options</p> B. <p>Picks one solution</p> C. <p>skips testing</p> D. <p>Uses no logic</p>