

## Computer Science Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	Why are primitive computational structures important in computer science.	<p>A. They reduce memory</p> <p>B. They for all software</p> <p>C. Only for web dev</p> <p>D. Increase hardware cost</p>
2	Which of the following best describes primitive computational structures.	<p>A. Advanced tools</p> <p>B. Complex Algorithms</p> <p>C. Basic building blocks of computing</p> <p>D. High level data types</p>
3	The behavior considered responsible digital conduct	<p>A. Using secure websites</p> <p>B. spreading false info online</p> <p>C. Respecting online privacy</p> <p>D. Reporting suspicious activity</p>
4	cloud computing means.	<p>A. Local storage</p> <p>B. Renting services online</p> <p>C. Using one server</p> <p>D. Buying servers</p>
5	What is the dequeue operation in a queue.	<p>A. Removing an item from the front</p> <p>B. Adding an item to the back</p> <p>C. Sorting the queue</p> <p>D. Copying the queue</p>
6	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>
7	Which method is best for understanding customer preferences.	<p>A. Survey</p> <p>B. Observation</p> <p>C. Experiment</p> <p>D. Case Study</p>
8	What is the result of $3^{**} 2$ ?	<p>A. 6</p> <p>B. 5</p> <p>C. 8</p> <p>D. 9</p>
9	What is clustering used for.	<p>A. Making predictions</p> <p>B. Grouping similar items</p> <p>C. Calculating probabilities</p> <p>D. Finding averages</p>
10	How do BFS and DFS differ.	<p>A. BFS Stack, DFS -queue</p> <p>B. BFS -level , DFS -depth</p> <p>C. BFS Sort, DFS-Search</p> <p>D. BFS always slower</p>
11	Which event in Pakistan showed the need for data protection.	<p>A. Growth of Daraz</p> <p>B. NADRA data leak</p> <p>C. Rise of smartphones</p> <p>D. Better internet</p>
12	Which is solved by dynamic programming.	<p>A. Coin change</p> <p>B. Fibonacci sequence</p> <p>C. Merge sort</p> <p>D. Puzzle solving</p>
13	Which activity is an example of digital literacy in education.	<p>A. Watching cartoons</p> <p>B. Writing reports on computers</p> <p>C. Playing video games</p> <p>D. Posting selfies</p>
14	Which SDLC phase involves installing the software for users.	<p>A. Testing</p> <p>B. Coding</p> <p>C. Deployment</p>

		D. <p>Maintenance</p>
15	Which type of research involves gathering basic knowledge about a topic.	A. <p>Market research</p> B. <p>Academic research</p> C. <p>General information research</p> D. <p>Health research</p>
16	What is the main advantage of dynamic programming.	A. <p>Avoid redundant work</p> B. <p>Locally optimal results</p> C. <p>Solves independent problems</p> D. <p>Explore all options</p>
17	What does an IDE help with.	A. <p>Watching movies</p> B. <p>Writing and debugging code</p> C. <p>Playing games</p> D. <p>Sending messages</p>
18	What is the key tip for developing communication skills.	A. <p>Speak less</p> B. <p>Practice Regularly</p> C. <p>Use complex vocabulary</p> D. <p>Avoid eye contact</p>
19	Why should you manage cookies.	A. <p>To speed up the device</p> B. <p>To download faster</p> C. <p>To protect privacy</p> D. <p>To get ads</p>
20	Which SDLC phase includes continuous updates and bug fixes	A. <p>Design</p> B. <p>Development</p> C. <p>Maintenance</p> D. <p>Requirement Gathering</p>