

Computer Science Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	The key component of digital literacy	<p>A. <p>Writing poetry</p></p> <p>B. <p>Understanding agricultural methods</p></p> <p>C. <p>Using digital tools effectively</p></p> <p>D. <p>Practicing public speaking</p></p>
2	Why are packages useful in Python.	<p>A. <p>To &nbsp;make code messy</p></p> <p>B. <p>To group modules and improve order</p></p> <p>C. <p>To delete old code</p></p> <p>D. <p>To slow down execution</p></p>
3	What is a queue.	<p>A. <p>Add/remvoe from top</p></p> <p>B. <p>Add/remvoe from both ends</p></p> <p>C. <p>Add at back , remvoe form front</p></p> <p>D. <p>Store items randomly</p></p>
4	Which loop is best for iterating over a sequence like a list or string.	<p>A. <p>While loop</p></p> <p>B. <p>for loop</p></p> <p>C. <p>do -while loop</p></p> <p>D. <p>switch loop</p></p>
5	What is output when checking if 8 is even.	<p>A. <p>Found at 2</p></p> <p>B. <p>Even</p></p> <p>C. <p>Odd</p></p> <p>D. <p>Yes</p></p>
6	An algorithm with a time complexity of $O(n \log n)$:	<p>A. <p>Bubble sort</p></p> <p>B. <p>Binary Search</p></p> <p>C. <p>Merge Sort</p></p> <p>D. <p>Insertion sort</p></p>
7	Which of the following is NOT part of a SDLC.	<p>A. <p>Marketing</p></p> <p>B. <p>Requirement gathering</p></p> <p>C. <p>Coding</p></p> <p>D. <p>Testing</p></p>
8	What is generate and Test algorithm	<p>A. <p>Tests all options</p></p> <p>B. <p>Picks one solution</p></p> <p>C. <p>skips testing</p></p> <p>D. <p>Uses no logic</p></p>
9	Which is good practice when managing digital resoruces.	<p>A. <p>Save everyting in one folder</p></p> <p>B. <p>Delete allfiles</p></p> <p>C. <p>Use note taking apps</p></p> <p>D. <p>Share all files publicly</p></p>
10	Why is user feedback imporant.	<p>A. <p>To ignore users</p></p> <p>B. <p>To impore content and usuability</p></p> <p>C. <p>To delete content</p></p> <p>D. <p>To limit access</p></p>
11	Why digital literacy important.	<p>A. <p>To use social medial only</p></p> <p>B. <p>To buy mor edevices</p></p> <p>C. <p>To spot fake news and stay safe</p></p> <p>D. <p>to use apps fast</p></p>
12	What is the first step in pitching your business ide.	<p>A. <p>Introduce your solution</p></p> <p>B. <p>Stat with the problem</p></p> <p>C. <p>Explain why it's unique</p></p> <p>D. <p>Know your audience</p></p>
13	How does blockchain help banks transfer money internationally	<p>A. <p>Makes it slower</p></p> <p>B. <p>Makes it faster and cheaper</p></p> <p>C. <p>Adds middlemen</p></p> <p>D. <p>Requires cash</p></p>

14	How does the digital divide affect education.	A. <p>Students get more books</p> B. <p>Poor students struggle with online learning</p> D. <p>Teachers get paid more</p> E. <p>Schools get more funds</p>
15	Which variable name is invalid.	A. <p>my_var</p> B. <p>_count</p> C. <p>2nd_place</p> D. <p>MAX_VALUE</p>
16	Option typically included in common terms of Use clauses	A. <p>User obligations</p> B. <p>Privacy and data use</p> C. <p>Product advertising</p> D. <p>Termination of service</p>
17	Which of the following correctly describes a solvable problem.	A. <p>Cannot be solved</p> B. <p>Takes infinite time</p> C. <p>Solved by algorithm in finite time</p> D. <p>Has no input/output</p>
18	What is a stack.	A. <p>Add/remove at both ends</p> B. <p>Add /remove from the top</p> C. <p>Add front, remove back</p> D. <p>No specific order</p>
19	What is collaboration.	A. <p>Working alone</p> B. <p>Working together</p> C. <p>Competing</p> D. <p>Sharing resources</p>
20	What are expenses.	A. <p>total earnings from sales</p> B. <p>Costs incurred while operating</p> C. <p>Money saved for future needs</p> D. <p>Interest on loans</p>