

Computer Science Ics Part 1 Online Test

| Sr | Questions | Answers Choice |
|----|--|---|
| 1 | What might a bakery's monthly budget include. | <p>A. <p>Only rent</p></p> <p>B. <p>Rent, ingredients, salaries, utilities</p></p> <p>C. <p>Only salaries</p></p> <p>D. <p>Only utilities</p></p> |
| 2 | What do user obligations usually say. | <p>A. <p>Ignore privacy</p></p> <p>B. <p>Misuse service</p></p> <p>C. <p>Follow rules and use responsibly</p></p> <p>D. <p>Share passwords</p></p> |
| 3 | Why are primitive computational structures important in computer science. | <p>A. <p>They reduce memory</p></p> <p>B. <p>They for all software</p></p> <p>C. <p>Only for web dev</p></p> <p>D. <p>Increase hardware cost</p></p> |
| 4 | Which of the following correctly describes a solvable problem. | <p>A. <p>Cannot be solved</p></p> <p>B. <p>Takes infinite time</p></p> <p>C. <p>Solved by algorithm in finite time</p></p> <p>D. <p>Has no input/output</p></p> |
| 5 | Which of the following is a real world example of graph. | <p>A. <p>File system</p></p> <p>B. <p>Family tree</p></p> <p>C. <p>Social network</p></p> <p>D. <p>Web page navigation</p></p> |
| 6 | The meaning of the slope in a linear regression model | <p>A. <p>The intercept of the model</p></p> <p>B. <p>The change in the dependent variable for a unit change in the independent variable</p></p> <p>C. <p>The error term</p></p> <p>D. <p>The mean of the data</p></p> |
| 7 | A prototype for a school app fails user testing. What should be done next. | <p>A. <p>Discard idea</p></p> <p>B. <p>Revise prototype</p></p> <p>C. <p>Launch anyway</p></p> <p>D. <p>Copy competitors</p></p> |
| 8 | Why is testing prototypes important. | <p>A. <p>Confirms readiness</p></p> <p>B. <p>Eliminates development</p></p> <p>C. <p>Provides improvement insights</p></p> <p>D. <p>Focuses on finances</p></p> |
| 9 | What may happen if someone breaks terms of use. | <p>A. <p>Get reward</p></p> <p>B. <p>Get blocked or face legal action</p></p> <p>C. <p>Get free access</p></p> <p>D. <p>Get discount</p></p> |
| 10 | What is the purpose for the Design phase in SDLC. | <p>A. <p>To write code</p></p> <p>B. <p>To gather user feedback</p></p> <p>C. <p>To create a blueprint of the system</p></p> <p>D. <p>To test the software</p></p> |
| 11 | What is one major challenge associated with smart contracts | <p>A. <p>They are too fast</p></p> <p>B. <p>Code errors can't be fixed easily</p></p> <p>C. <p>they are too simple</p></p> <p>D. <p>Everyone understands them</p></p> |
| 12 | 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> |
| 13 | Why are packages useful in Python. | <p>A. <p>To make code messy</p></p> <p>B. <p>To group modules and improve order</p></p> |

| | | |
|----|---|---|
| | | C. <p>To delete old code</p> D. <p>To slow down execution</p> |
| 14 | Which variable name is invalid. | A. <p>my_var</p> B. <p>_count</p> C. <p>2nd_place</p> D. <p>MAX_VALUE</p> |
| 15 | How do you use a module in code. | A. <p>By copying it</p> B. <p>By renaming it</p> C. <p>By importing it</p> D. <p>By printing it</p> |
| 16 | Why are communication and storytelling skills important. | A. <p>To avoid speaking</p> B. <p>To express ideas and connect with others</p> C. <p>to limit interactions</p> D. <p>to simplify writing</p> |
| 17 | A business description states "Our chai dhaba uses traditional recipes. What does this highlight. | A. <p>Pricing</p> B. <p>Taxes</p> C. <p>Unique Value</p> D. <p>Competitors</p> |
| 18 | How does Divide and conquer work | A. <p>Make local choices</p> B. <p>Break, solve, combine</p> C. <p>Store subproblem results</p> D. <p>Try all options, backtrack</p> |
| 19 | What is the main function in Python? | A. <p>Background functions</p> B. <p>Starting point</p> C. <p>Imports modules</p> D. <p>Error handler</p> |
| 20 | What protects the visual design of a product. | A. <p>Industrial design</p> B. <p>Patent</p> C. <p>Code</p> D. <p>Trademark</p> |