

## Computer Science Ics Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	Which step defines the problem in model building	A. <p>Step 1</p> B. <p>Step 2</p> C. <p>Step 3</p> D. <p>Step 4</p>
2	What is statistical modeling used for.	A. <p>Predict</p> B. <p>Collect</p> C. <p>Store</p> D. <p>Design</p>
3	When is data removal acceptable	A. <p>When many rows are missing</p> B. <p>When only a few rows are missing</p> C. <p>Always</p> D. <p>Never</p>
4	What technique estimates missing values using average.	A. <p>Imputation</p> B. <p>Interpolation</p> C. <p>Flagging</p> D. <p>Removal</p>
5	Data cleaning involves	A. <p>Adding more data</p> B. <p>Removing errors and inconsistencies</p> C. <p>Creating charts</p> D. <p>Writing reports</p>
6	What is the first step after collecting data.	A. <p>Visualization</p> B. <p>Data preparation</p> C. <p>Modeling</p> D. <p>Presentation</p>
7	Which method is best for understanding customer preferences.	A. <p>Survey</p> B. <p>Observation</p> C. <p>Experiment</p> D. <p>Case Study</p>
8	Which method allows researchers to understand cause and effect relationships	A. <p>Survey</p> B. <p>Observation</p> C. <p>Experiment</p> D. <p>Focus group</p>
9	Testing changes under controlled conditions is known as.	A. <p>Experiment</p> B. <p>Survey</p> C. <p>Observation</p> D. <p>Focus group</p>
10	Watching and recording behavior without interaction is known as.	A. <p>Observation</p> B. <p>Experiment</p> C. <p>Survey</p> D. <p>Case Study</p>
11	Which method involves asking a set of questions to a group	A. <p>Experiment</p> B. <p>Survey</p> C. <p>Observation</p> D. <p>Interview</p>
12	In probability , what is the total number of outcomes called.	A. <p>Favorable outcomes</p> B. <p>Sample space</p> C. <p>Random events</p> D. <p>Total outcomes</p>
13	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>
14	What is the probability of getting heads in a fair coin toss.	A. <p>0.5</p> B. <p>0.25</p> C. <p>0.75</p> D. <p>1</p>

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An event with a probability of 0 is

- A. <p>Certain</p>
- B. <p>Impossible</p>
- C. <p>Likely</p>
- D. <p>Rare</p>