

	Course:	Technical and Business Writing	Course Code:	SS2007
	Program:	CS	Semester:	Fall 2023
	Duration:	20 Minutes	Total Marks:	15
	Date:	October 2023	Weight:	3.33
	Section:	CS	Page(s):	-
	Exam:	Quiz-2	Roll No:	
Q1		Q2	Total	
2		8	10	
2		7-75 8	9-75 10	

## Q1. Encircle the most suitable option.

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- In quantitative research, what is the primary purpose of providing a sample of the questionnaire and interview questions during a presentation?
  - To entertain the audience
  - To demonstrate artistic skills
  - ☒ To provide evidence for the research
  - To share personal experiences
- In qualitative research, how is data typically represented and analyzed?
  - Using numerical data
  - Focusing on statistical trends
  - ☒ Through words, images, processes, or objects
  - Ignoring data analysis
- What are the two common ways to avoid plagiarism in your final document?
  - Quotation marks and footnotes
  - Personal opinions and summaries
  - Highlighting keywords and paraphrasing
  - ☒ In-text citation and reference list
- Open-ended questions in surveys typically yield quantitative data.
  - True
  - ☒ False

In a technical research setting, a student embarking on a study focused on quantitative research methods encountered a significant concern related to plagiarism. This issue arose as the student sought to integrate existing quantitative data and statistical analyses into their own research. As they delved into a vast array of research papers and studies to gather relevant data, the challenge lay in effectively incorporating this information while avoiding plagiarism pitfalls.

Question 1: What strategies can the student employ to ethically integrate existing quantitative data and statistical analyses into their research, thereby avoiding plagiarism?

~~Use~~ Use in-text citation and a reference list at the end.  
Use IEEE format for citation. Student should get written permission or consent before copying that data. He can also adopt the technique of paraphrasing to avoid plagiarism. ~~Rephrase~~

Question 2: What are the key benefits of using quantitative research methods in this student's research project?

Quantitative research methods can be included to make it more reliable, valid and accurate. By valid it means that research project measures what it is supposed to measure. It brings accuracy in the results according to current state of thinking on the topic. Results are most trustworthy. In addition to it, quantitative research methods are less time consuming and are inexpensive. Moreover, it is a way more easier to get responses from respondents.