**Discussion 4**

Your Name (First M. Last)

School or Institution Name (University at Place or Town, State)

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Conducting research is essential in any field of academics and different methods are utilized to conduct research. Two basic types of researches methodologies are qualitative and quantitative. Each of these researches ensure that all the relevant aspects of the topic are explored comprehensively. Depending upon the research requirements the research method is selected.

Qualitative research is a comprehensive broader term that is used to describe various forms of research methodologies. Qualitative research is done to develop a deep understanding of any phenomena. It is used by the qualified scholars to find the answers to discovery-oriented research questions(“Textbooks.com: Nursing Research,” n.d.). It helps in formulating the causes and the reasons behind the “whys” of the research topic. It is descriptive and inductive in nature. Whereas quantitative research method tries to figure out the numeric side of the research. It is concerned with the finding the stats, facts and figures regarding the research subject.

Both of these approaches have certain advantages and shortcomings. Due to which often researchers use both methodologies in research. Quantitative research selects the representative of the population to determine its size before the actual research. The extensive approach is used to collect data. Questionnaires and measurements devices are used to calculate the unbiased data of the population. It generates a numerical summary at the end of the research. This numerical summary is important in making comparisons about the data according to different timelines. This type of method is really important in making useful decisions. Its scope of research is wide and can take into account huge masses of populations for data collection. The only disadvantage in this methodology is that it lacks any descriptive information about the numeric data.

Qualitative research collects data on a saturated basis. It utilizes the intensive approaches of resources utilization. Research is biased in terms of the methods it uses for research. It generates narrative descriptive summary at the end that helps to increase knowledge about the subject. The only disadvantage it has is that it doesn’t provide any numeric data to support the descriptive knowledge, also it can take into account a small size of population for data generation(Gill, Stewart, Treasure, & Chadwick, 2008).

**References**

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