RefinedResearch Questions and Hypotheses

Name:

Institution:

The Internet of Things in Ghana remains to be an exciting and broader area of study. This study will seek to meet various vulnerabilities of the Internet of Things in developing countries. The research may take much time to be a success. Therefore, in the earlier section of the study, the quantitative research design is adopted to back on its effectiveness. The research problem, purpose statement, and research goals align to meet the study's requirement. Therefore, to successfully achieve the research goals, various research questions and hypotheses are inclusive.

The research questions break down the research problem, giving a clear view of the expected research findings(White, 2017). The study problem is that most developing countries are encountering setbacks in implementing modern technology in their environment. Therefore, the study will seek to provide answers to the following questions:

1. Does the level of application of the technological devices and software systems yielding productivity and improving service giving organizations?
2. Do some organizations use standard IP addresses among their IT facilities, and how does it function?
3. Does the misuse of IT facilities occur due to illiteracy and curiosity?
4. What kind of security threat and cyber threats do the organizations experience?

The research questions above will assist in the hypothesizing of the following aspects that are the desirable findings of the study:

1. The application of modern technology in developing countries, i.e., Ghana, has slightly led to an increment in productivity and service delivery.
2. Most organizations use similar IP addresses for more accessible communication and access to information. However, it is experiencing a challenge where unauthorized individuals access sensitive information.
3. Some employees are illiterate while others are curious about how they operate; therefore, it misuses the new IT facilities.
4. Security threats to modern information technology are very high. Information theft, system hacking, and malware such as viruses are common in the new systems.

References

White, P. (2017). *Developing research questions*. Macmillan International Higher Education.