



**Q.1. Answer the following short questions: (6x5=30)**

1. Compare and contrast Qualitative Research and Quantitative Research.
2. How is a Research problem selected? Give its sources.
3. Describe types of probability sampling and explain any one with suitable examples.
4. What are the advantages of observation?
5. What are the characteristics of a good Hypothesis?
6. Define Mean, Median and Mode.

**Q.2. Answer the following questions. (3x10=30)**

1. What is Research? Explain different types of Research with examples.
2. What do you know about Variables? Why is it important for a scientific research?
3. (a) Give the characteristic and function of Research.  
(b) Develop a questionnaire about failure of students in examination