

**EXECUTIVE MBA  
(EXMBA)**

**Term-End Examination**

**June, 2012**

00063

**MCT-061 : RESEARCH METHODOLOGY**

*Time : 3 hours*

*Maximum Marks : 100*

---

*Note : Answer any five questions. All questions carry equal marks.*

---

1. What do you mean by research Problem ? What is the relevance of research in a business organisation ? 10,10
  
2. (a) Distinguish Quantitative and Qualitative research. 10  
(b) Explain true experimental and Quasi experimental research design. 10
  
3. What is a research hypothesis ? Explain it by means of an examples from Quantitative and Qualitative research. 20
  
4. (a) What do you mean by sampling bias ? 10  
(b) Explain the concept of scatter diagram. 10
  
5. What is experimental research design ? Explain one type of experimental research design in detail. 20

6. (a) Write a short note on data analysis software - Excel and SPSS. 10
- (b) What is degree of freedom in statistical measurement ? 10
7. What are the different components of a research analysis ? Explain. 20
8. What is the difference between descriptive statistics and inferential statistics. Explain the concept of dispersion in the descriptive statistics. 20