Indian Statistical Institute, Bangalore
M.S (QMS) First Year
First Semester - Management Information System

Mid-Semester Exam   Duration: 2hrs   Date: Sept 08, 2014

Note: Answer question no.1 and any **two** from the rest.   Max Marks:50

1. Define the following:-   [2*5=10]

   (a) System

   (b) Management Information System

   (c) Completeness of Data

   (d) Latent variable (construct)

   (e) Indicator variable (manifest variable)

2.   [12+3+5=20]

   (a) Explain value chain analysis.

   (b) Define operational system in the context of value chain.

   (c) What are some weaknesses of operational system?

3.   [4+8+8=20]

   (a) What is meant by accuracy of data?

   (b) What are the main reasons for data becoming inaccurate?

   (c) What methods are used to improve accuracy?

4.   [2+3+15=20]

   (a) What is meant by reliability of data?

   (b) Explain briefly the concept of operational definition.

   (c) What are the five fundamental forces impacting competitive position of an organization as specified by Porter?