



**RAJARATA UNIVERSITY OF SRI LANKA
FACULTY OF APPLIED SCIENCES, MIHINTALE**

**B.Sc. (General Degree)
Fourth year – Semester II Examination – Sep/Oct 2013
INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS - COM 4203**

Time: 2 hours

Answer any four (04) of the following questions. All question carry equal marks.

01. Explain with examples the values of spatial data and aspatial data used in GIS.
02.
 - a) What is meant by the term “buffer operation”?
 - b) How do you examine the practical value of a buffer operation in the planning process?
03. "Preparation of maps is the main task of GIS". Giving reasons discuss this statement.
04. Explain Geo- referencing process in GIS with suitable diagrams.
05. “GIS is a set of tools which can be used for any discipline with different approaches”
Examine this statement with appropriate examples.
06. GIS is a powerful set of tools in decision making process. Using hypothetical data, explain how GIS can help in the decision making process.
