

Uva Wellassa University

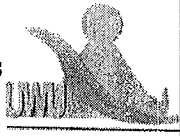
Faculty of Management

Degree of Bachelor of Business Management (BBM) in Hospitality, Tourism and Events

Management

SECOND YEAR SECOND SEMESTER EXAMINATION – JUNE/JULY 2017

HTE 341-2 GIS for Tourism



Uva Wellassa
University

Instructions to candidates:

- No. of pages : One (01)
No. of questions : Four (04) Essays
Time : Two (02) Hours
Marks allocated : 100 Marks
Answer all questions.

Index No:

1.
 - a. What is Geographical Information Systems? (05 Marks)
 - b. List five (05) beneficiaries of a tourist based GIS. (05 Marks)
 - c. What is meant by data acquisition as a main functionality in GIS? (05 Marks)
 - d. Describe data acquisition methods in GIS. (10 Marks)
2.
 - a. Briefly explain with an example how the 'Spatial Interaction' effects on tourism industry as a geographic concept. (05 Marks)
 - b. Briefly explain how the key components integrate in a working GIS. (10 Marks)
 - c. Assuming that you are given a task to analyze the factors affecting to tourism development of Uva region. Describe how you can use GIS to complete the task by providing an application scenario. (10 Marks)
3.
 - a. Differentiate spatial and attribute data. (05 Marks)
 - b. What is meant by objects and fields? Explain with examples. (10 Marks)
 - c. Discuss the relative strengths and weaknesses of raster and vector data structures in GIS. (10 Marks)
4.
 - a. What is meant by Global Positioning System (GPS)? (03 Marks)
 - b. List advantages and disadvantages of maintaining a database over files in GIS. (06 Marks)
 - c. What are the problems with map digitizing? (05 Marks)
 - d. Describe different types of map projection. (06 Marks)
 - e. Explain the distortions that might arise in map projection. (05 Marks)

