

GEOGRAPHICAL INFORMATION SYSTEMS

Quiz 1 (Chapter 1 – 3)

by

Ngahzaifa Ab Ghani, PhD
Faculty of Computer Systems & Software Engineering

zaifa@ump.edu.my



Question 1 (2 Marks)

In not more than three sentences, explain what you understand about GIS.

Question 2 (1 Mark)

What is spatial data?

Question 3 (3 Marks)

Give 3 examples of questions that GIS can answer.

Question 4 (1.5 Marks)

What are the three basic forms of vector data models?

Question 5 (1.5 Marks)

List down three examples of raster data sources

Question 6 (1 Marks)

What is the projection name that is usually used for GPS data?

Question 7 (2 Marks)

Why do we need projection?

Question 8 (2 Marks)

Convert $45^{\circ}32'40''$ to decimal degree

Question 9 (2 Marks)

Convert 130.45 to degree minutes seconds

Question 10 (4 Marks)

You have two maps: one with the scale of 1:5000; another one is with the scale of 1:50000. Compare both maps in terms of their advantages/disadvantages

