







## Mid-term Prep

## **Short Answer Questions**

- 1. What is the difference between a GIS data model and GIS file format?
  - Here you would be expected to explain your understanding a data model contrasting that with a file format.
    - Data model how geographic objects are represented for computational purposes
    - File format how data arranged and compressed in a computer file
- 2. In the context of representing geographic phenomena, what the fieldbased view of the world?
  - The field-based view represents geographic space as a continuous distribution of phenomena. This representation is done with the aid of the raster-data model where a grid of cells is used to represent every point in the geographic space.
  - The field-based view conceptualises space as a continuous surface modeled by a mathematical function such that one is able to get a value at any point on this surface. This continuous surface is represented with the raster-data model where a grid of cells is used to represent the values from such a mathematical function.











































































