GIS & Remote Sensing Questions & Answers

Question 1. While Using Arc Catalog, Do You Rely On The Default Templates Or Usually Go For A Customized One?

Answer: Well, it depends on the project really. Some of the default templates are really good and safe to use. I make the choice based on the project caliber.

Question 2. Which Applications Of The Arc Gis Desktop Are You Familiar With?

Answer: I am familiar with Arc Map, Arc catalog and Arc toolbox.

Question 3. Differentiate Between Gis Commands And Tools?

Answer: Commands do not require interaction with the map, they just rely on surface. Tools on the other hand require interaction with the map canvas.

Question 4. What Are The Top 5 Skills A Gis Technician Must Have?

Answer: Skills in spatial data handling, algorithms, data conversion, model building and database programming.

Question 5. What Is The Difference Between Geo-coding And Geo-referencing?

Answer: Geo-coding is when you associate a place name or an address with map coordinates. Geo-referencing is the process of associating plain digital images taken from a satellite or a plane with map coordinates so that they can be overlaid on street maps.

Question 6. Name The Two Data Structures That Have The Capacity To Hold Spatial Data.

Answer: The two data structures that can hold spatial data include raster and vector.

Question 7. What Is The Basic Work Of A Gis Technician?

Answer: A GIS technician works closely with end users to identify GIS data requirements and handle technical issues. It is also the job of a GIS technician to manage data maintenance and manipulation and handle extraction activities along with ensuring preparation, planning and updating a variety of maps and drawings to be part of a GIS database.

Question 8. Define Remote Sensing?

Answer: Remote sensing refers to detection and classification of objects on or in earth without physical contact, generally attained through aerial sensors.

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Question 9. What Are The Key Factors In Determining The Period For Record Retention?

Answer: Nature of data, government rules and policies regarding data retention and data privacy factors.

Question 10. Do You Know Which Software Does Dc Gis Use?

Answer: The District GIS software standards consist of the Environmental Systems Research Institute Inc. (ESRI) products and Google Inc. geospatial services and software. The ESRI standard includes the ArcGIS line of desktop and server software product lines. The Google standard includes the Google Earth Enterprise line of server side products and Google Maps for mashup type applications. Other geospatial software packages and vendors can be accommodated if necessary to meet specific business requirements.