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DEvision Module-1: Digital Earth Basics (DEbasics)

Exam Questions:

1. Select 2 articles from a single spatial domain of your interest and answer the following:
 - What is the spatial aspect addressed and why did you select this?
 - What is the spatial scale covered?
 - Which type of spatial and non-spatial data have been used?
 - Which analysis and visualisation methods have been applied?
 - Do you think that the same spatial aspect could be addressed differently?
 - ☐ If yes, then how? (not more than 3-5 lines)
 - ☐ If no, then why not? (not more than 3-5 lines)
2. Describe relative advantages and disadvantages of the following:
 - Recording various spatial features using conventional survey and measurement equipment
 - Recording various spatial features using GNSS and relevant Handheld / Mobile equipment
 - Recording various spatial features using various Remote Sensing systems
3. What do you understand by a Map and what are the elements of a Standard Map

Practical Tasks: Complete the following ESRI Academy Courses

1. Homogenise Spatial Reference Systems of given 5 Datasets (Links to the Online available Datasets will be provided)
2. Get Geocoding for the LOCAL Dataset from ArcGIS Online
3. Design Map Style for THE LOCAL Dataset on ArcGIS Online and share it on ESRI Living Atlas of the World