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**DEvision Module-1: Digital Earth Basics (DEbasics)**

**LU-1: Geospatial approaches across disciplines and industries**

**Exam Questions:**

* 1. Make a list of 3 spatial and 3 Non-Spatial domains / fields and write the following:
     + 3-5 lines describing the spatial and non-spatial elements of corresponding domains.
     + 3-5 lines describing why Geospatial approach cannot be applied to non-spatial domains you have listed.
  2. 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)
  3. 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 Apps
     + Recording various spatial features using various Remote Sensing systems

**LU-2: Measuring global dimensions and local spaces**

**Exam Questions:**

1. Write 3-5 lines about the following:

* What is the need of defining Earth’s coordinate system?
* Why is single Reference Datum is not sufficient for accurate measurement in various parts of the Earth?