

# Spatial Modeling and Analysis: Quiz-1

Short Answer Questions. Total = 15 marks

1) State down any two (2) attribute data type with its example/applications (4 mrks).

1. (Character (text))
2. Integer (numeric)
3. Floating (numeric)
4. Date
5. Binary Large Object (BLOB)

2) What are the common coordinate system use in PNG? Give a complete answer. (3mrks).

Universal Transverse Mercator Coordinate System  
Geographic (Latitude/Longitude) coordinate system  
PNG 94

3) There are about 4 relationships to be established to Join and Relate Method in ArcGIS when dealing with attribute table. State down each relationship to its correct Method as stated below. (4 mrks)

Joins - 1-to-1 relationships, or many-to-1 relationships.

Relates - 1-to-many relationships, or many-to-many relationships

4) When we say spatial data, what do we actually mean? Limit your answer to one sentence (2 mks)

Location (X, y Coordinates)

5) There are two important components of geographic database that answers the question to 'where it is' and 'what it is'. Sate them down. (2 mks)

its geographic position

its attributes or properties.