THE STATE UNIVERSITY OF ZANZIBAR (SUZA)

SCHOOL OF COMPUTING COMMUNICATION AND MEDIA

DEPARTMENT OF COMPUTER SCIENCE AND IT

GEOGRAPHICAL INFORMATION SYSTEM (GIS)

MIDTERM TEST (20%)

16th December 2021   TIME: 60 MIN

Answer all Questions

1. Write "True" or "False" for the following statements   [5 marks]

    a. Data cannot be shared in the process of GIS

    b. Reality can be represented in GIS as a series of layers or as objects

    c. Vector feature data do not have to be stored with "topology."

    d. All GIS platforms let you view vector and raster data sources together.

    e. Images are not georeferenced.

2. Briefly describe the components of GIS.   [5 marks]

3. a. Please mention where do you live?   [1 mark]

    b. What is the spatial data model of your route to University? Briefly describe it?   [4 marks]

    c. What attribute(s) might be used to describe it?   [2 marks]

    d. What measurement scale(s) would be suitable for the attribute(s) that you would useto describe the spatial objects that you have mentioned on (b)?   [3 marks]

All the Best