

FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA
SCHOOL OF PHYSICAL SCIENCES
DEPARTMENT OF GEOGRAPHY

SECOND SEMESTER 2019/2020 SESSION UNDERGRADUATE EXAMINATION

Course Code: GRY 344

Course Title: Geographic Visualization (2 Units)

Time Allowed: Two (2) Hours

INSTRUCTION: Answer any **THREE (3)** Questions. All Questions carry equal Marks. Credits will be given for proper usage of relevant illustrations and diagrams.

- 1a What do you understand by the term Geovisualization?
- b. Examine the key forces driving the rapid development of Geovisualization
2. Write explanatory notes on any three (3) of the following:
 - i. Choropleth maps
 - ii. Information visualization
 - iii. Cartograms
 - iv. Spatio-temporal visualization
 - v. Presentation animations
3. Discuss interactive 3D Geographic visualization systems.
4. Distinguish between Temporal and Non-temporal Animated Maps.
5. Assuming you are asked to produce a map of Minna Metropolis showing all the hotels in Minna at a glance, describe the various procedures you will employ in producing the Map.