

REPUBLIC OF CAMEROON

INSTITUT AFRICAIN D'INFORMATIQUE

Representation du Cameroun

Centre d'Excellence Technologique Paul BIYA



AFRICAN INSTITUTE OF COMPUTER SCIENCES

Cameroon Office

Paul BIYA Technological Center of Excellence

P. BOX: 13719-Yaounde Contact: (237)242729957/242729958 Web site: WWW.AFRICAINSTITUTE.COM Email: contact@afriainstitute.com

TEACHING UNIT	GEOGRAPHIC INFORMATION SYSTEM BA3 duration : 1h
LECTURER	Dr Djousse Marceluce
Catch up session	June 2022

* you can disappoint disappointments with knowledge*

I-QUESTIONS WITH DIRECT ANSWER (15mks)

1. Give the functional and component definition of geographic information system (3mks)
2. What are advantages of using vector data? (3mks)
3. Raster data models consist of 2 categories list them and present the difference between them. (4mks)
4. Why raster data model is useful for storing elevation surfaces, temperature and land contamination data? (2mks)
5. Propose a conceptual model for solving spatial problems (3mks)

III-MCQ (5mks)

1. GIS uses the information from which of the following sources?
a) Non-spatial information system
b) Spatial information system
c) Global information system
d) Position information system
2. Among the following _____ can be expressed as an example of hardware component.
a) Keyboard
b) Arc GIS
c) Auto CAD
d) Digitalization
3. Which of the following formats can be used for GIS output?
a) DXF ; b) PDF ; c) GIF ; d) HTML
4. In the process of GIS, digitalization is done for better output.
a) True
b) False
5. Which among the following is not related to GIS software's?
a) CAD ; b) Arc GIS ; c) Arc View ; d) STAAD Pro