

Bago University
Department of Geography
First Semester Examination, March 2019

Fourth Year (B.A)
(Geography Specialization)

Geog. 4105
Application of Geospatial Technology
in Geographical Analysis
Time allowed (3) hours

Answer ALL question. Illustrate your answer with sketch map and diagram wherever necessary.

I. Rewrite the following with the correct form of words in blank.

1. Geospatial analysis utilizes many of these terms, but many others are drawn from disciplines such as and statistics.
2. Choropleth map is a map portraying properties of a surface using area symbols such as shading (or color).
3. Remote Sensingand data collected from space or airborne camera and sensor platforms.
4. Satellite provides a means for looking at a very..... area of the World in a very short time.
5. as the relative location of geographic phenomena independent of their exact position
6. GPS was developed for use by the United States military and became fully operational in 1995.
7. Most receivers have a track algorithm, sometimes called a
8. Military operations, the ground track repeat can be used to ensure good in combat zones.
9. DGPS has ability to make better decisions, in locating and improving survey cost effectiveness andmanagement.
10. Watershed management refers to balanced utilization of land water resources for best possible production with minimum to natural resources.

II. 1. What are the maps and what is their Importance?

2. Detail Explain the application of Global Positioning System (GPS)

3. Analytical account on the using geospatial technology for urban infrastructure studies.

P.T.O

III. Write any **two** brief notes.

1. Datum
2. Projected Coordinate System
3. Structure of the GPS
4. Geovisualization

IV. Describe the application of geospatial technology related studies cases. Detail explain the processing of watershed studies.
