



**NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
MAY/JUNE 2012 EXAMINATION**

**ESM 407: GEOGRAPHIC INFORMATION SYSTEMS (3 CR)
TIME ALLOWED: 3Hours**

INSTRUCTION(S): Attempt any five questions

1. Provide historical background to the science and technology of Geographic Information Systems. (20marks)
2. Many scholars have defined GIS differently. State at least five (5) of such definitions indicating the author. (20marks)
3. With appropriate examples, discuss the essential features of GIS. (20marks)
4. State and explain major questions that GIS can answer. (20marks)
5. Highlight the factors responsible for the growth of GIS. (20marks)
6. Discuss the characteristics of geographical features. (20marks)
7. Discuss the quality of a good storage device. (20marks)