



CRAWFORD UNIVERSITY
FAITH CITY, IGBESA, OGUN STATE
DEPARTMENT OF GEOLOGY & MINERAL SCIENCES
FIRST SEMESTER EXAMINATIONS (B.Sc. DEGREE), 2016/2017

COURSE: GEM 339 - GEOCHEMISTRY

TIME ALLOWED: 3HRS

INSTRUCTION: ANSWER FIVE QUESTIONS ONLY

- What do you understand by the word geochemical anomaly?
 - Briefly explain the causes of anomaly in geomaterials
 - In your own words, how would you explain the study of geochemistry to a student of social management sciences?
- Describe Mckenzie's propositions of the Earth's mantle
 - Attempt a geophysical characterization of the upper mantle and also enumerate its rocks and minerals
- Write extensively on geochemical surveys classification according to the type of sample collected
- Give a detailed account of Goldschmidt classification of geochemical elements
- What are Meteorites? The study of Meteorites has contributed immensely to our present knowledge of geochemistry. Do you agree? Explain.
 - List ten notable Meteorites and where they were discovered in the world.
- Write concisely on any two analytical methods that you know