



CRAWFORD UNIVERSITY

**FAITH CITY, IGBESA, OGUN STATE
COLLEGE OF NATURAL AND APPLIED SCIENCES
DEPARTMENT OF PHYSICAL & EARTH SCIENCES
GEOLOGY AND MINERAL SCIENCES**

Harmattan Semester Examinations (B.Sc. Degree), 2016/2017

COURSE: GEM 357 – Marine Geology

UNIT: 3 Units

TIME ALLOWED: 2hrs 30min

INSTRUCTIONS: Answer question one (1) and any other three (3)

1. a) Describe the different oceans with respect to their topography, size, resource potential and other significant element.
b) Write a short note on marine sediments
c) List five techniques used in marine geology for ocean sampling and probing
2. The sea represents a largely untapped resource, describe the mineral resource present in the ocean and their economic importance
3. The ocean basins are the results of tectonic forces and processes, write a short note on the evolution of the oceanic crust, the age and how it gets recycled
4. List five types of Ocean sediment and write a short note on three
5. Write a short note on Calcium Compensation Depth (CCD)
6. Discuss the factors influencing coastal morphology and process