



Department of Surveying and Geoinformatics
School of Environmental Technology
Federal University of Technology
Minna, Nigeria

SVG416: Hydrographic Surveying
First Semester Examination, 2017/2018 Session
Answer any 3 Questions
DURATION: 2 Hours

1. Examine the Greenhouse effects in relation to global sea level rise and also discuss the implications of the latter on the coastline.
2. Examine the knotty problems of coastal erosion.
3. (a) Why do we need ICZM?
(b) Write short notes on the following: (i) Dunes (ii) Eddy (iii) Beaches (iv) Estuary (v) Long shore current.
(c) Why are vertical control necessary?
4. (a) Examine the various theories of tide.
(b) Explain the various ways in which tide can be measured.
5. Examine the agents of dispersal of oil spill along the Nigerian coastline