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FEDERAL UNIVERSITY OF TECHNOLOGY

DEPARTMENT OF ENVIROMENTAL MANAGEMENT

HARMATTAN SEMESTER EXAMINATION 2018/2019 SESSION

COURSE TITLE: ENVIRONMENTAL MONITORING, EVT 419, TIME: 2 HOURS

INSTRUCTION: ANSWER FOUR QUESTIONS IN ALL AT LEAST TWO QUESTIONS FROM EACH SECTION

SECTION A

1. Describe in details the interaction of energy and life in environmental systems using the transfer of sun's light energy into chemical energy as an example.
2. (i) Enumerate the two High Risk Ecological Zones in Nigeria prone to natural disasters as a result of climate change.
(ii) State how population pressures and impact on Ecosystem contribute to Ecological problems in the High – Risk states of Nigeria. Use tabular summary where applicable.
3. (i) Define climate change
(ii) Discuss exhaustively how its impacts lead to problem of water.

SECTION B

- 1) As an environmentalist explain the terms "Environmental Monitoring"
Iii) What do we consider when carrying out Environmental Monitoring?
- 2) Why do we survey lands?
ii) Explain the classes of survey error
- 3) Write a note on Bioassay, its uses and types