OBAFEMI AWOLOWO UNIVERSITY ILE-IFE
FACULTY OF ENVIRONMENTAL DESIGN AND MANAGEMENT
DEPARTMENT OF ESTATE MANAGEMENT

BSc.(Estate Management), Harmattan Semester Examination, 2011/2012 Session
EIA 513- Environmental Impact Assessment. Time Allowed: 2 hours, 30mins.
Instruction: Answer any four questions in all. Each question carries 15 marks

Question one: 15 marks

(a) What is an ecosystem? 2 marks
(b) Distinguish between homestatis and homeorhesis 2 marks
(c) What is noise pollution -2 marlts
(d) What are the four types of social impact of development projects -4 marks
(e) What are the communicable and non communicable diseases that can result from mining, agriculture and industry -5marks

Question Two: 15 marks

(a) What is the greenhouse effect? -2 marks
(b) Describe eight water pollutants -4 marks
(c) Describe ten measures of water quality-5 marks
(d) Air pollution, if it is potent is known to result in various negative environmental impacts-Discuss. -4 marks

Question Three : 15 marks
(a) How, when and where did EIA start? -2 marks
(b) Describe how the Koko incident jump started EIA in Nigeria -2 marks
(c) Describe the EIA process under
(i) Decree 86 of 1992
(ii) Decree 88 of 1992
(iii) The Petroleum Act of 1969 -9 marks
(d) What are the two levels at which Air quality monitoring can be undertaken? -2 marks

Question Four: 15 marks
(a) Outline ten of the major environmental problems facing Nigeria today -5 marks
(b) Explain sustainable development and EIA tool-4 marks
(c) Who first defined the concept of sustainable development and where?- 2 marks
(d) What is Agenda 21 ?- 2 marks
(e) Explain the polluter pays principle-2 marks

Question Five: 15 marlts
(a) Outline four advantages of conducting EIAs- 4 marks
(b) Explain the following terms
(i) Environment
(ii) Environmental evaluation report
(iii) Project screening.
(iv) Project scoping
(v) Baseline studies
(vi) Environmental auditing -6 marks
(c) Can an Estate Surveyor or Town planner conduct an EIA for FEPA or the DPR?-5 marks

Question Six: 15 marks
(a) Distinguish between impact identification, prediction and evaluation- 3 marks
(b) By means of an example, explain the Batel Checklist System of impact identification- 6 marks
(c) Show how you can use the Leopold Matrix to identify and predict impacts for a proposed refusa dump in front of Angola hall- 6 marks.