



NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF AGRICULTURAL SCIENCES
DEPARTMENT OF CROP AND SOIL SCIENCES
2020_1 EXAMINATION

EXAMINATION: SECOND SEMESTER POP EXAMINATION

COURSE TITLE: ENVIRONMENTAL IMPACT ASSESSMENT

COURSE CODE: AGR 307

TOTAL SCORE: 70 MARKS

TIME ALLOWED: 2hours 30 minutes

INSTRUCTION: Answer FOUR Questions in all.

Question 1 is compulsory (25marks) and any three questions (15 marks each)

QUESTIONS

Q1

- a) write the positive and negative potential impacts of a proposed major project on vegetable farming on the banks of Kaduna River. Limit the potential impacts to the initial stage of establishing the farm (construction phase). You may wish to present your answer as in Table. (15marks)
- b) From your findings, give cognitive definitions of Environmental Impact Assessment compare your listing with those of your colleagues and discuss same with your facilitator. (10marks)

Q2

- a) State five types of impact assessments based on the purpose and the theme of development and briefly explain any two. (10marks)
- b) Briefly describe What you understand as timelines for an EIA? (5marks)

Q3

- a) Resulting in the preparation of focused TORs that ensure time and money are not wasted on unnecessary studies and investigations. From your study, write out 5 roles and 5 functions of a good EIA process. (15marks)

Q4

- a) You are employed as an Environmental impact assessment expert to evaluate health impact, what three typical questions that can be addressed or required in the assessment (HIA). (12marks)
- b) What is ToR in scoping? (3marks)

Q5

- a) What is the meaning of an alternative in EIA? And Name one means of evaluating an alternative. (9marks)
- b) Is a borehole an alternative to a tube well on a farm? Discuss. (6marks)

Q6

- a) Elaborate why Field survey is an essential part of baseline data acquisition. (7.5marks)
- b) explain why Screening is essential in EIA. (7.5marks)