

FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI
SCHOOL OF AGRICULTURE AND AGRICULTURAL TECHNOLOGY
DEPARTMENT OF CROP SCIENCE TECHNOLOGY
2018/2019 HARMATTAN SEMESTER EXAMINATIONS

COURSE TITLE: *Introduction to Agriculture*
COURSE CODE: *AGR 203*
TIME ALLOWED: *2 1/2 hours*
INSTRUCTION: *Answer FIVE questions*

1. (a) Mention three methods of wildlife conservation.
(b) What are the benefits of wildlife resources conservation?
(c) Mention four problems of wildlife conservation in Nigeria.
2. (a) Who is a leader?
(b) List and discuss two major types of leaders commonly mentioned in Extension education emphasizing why they are important.
(c) Explain the term 'GROUP'.
(d) What do you consider as the implications of use of 'Group' in extension education?
3. (a) Briefly elaborate on five factors to be considered before starting a fish farm business.
(b) State five importance of fish farming business.
4. (a) Write short notes on the following:
(i) Scale of preference; (ii) Forgone alternative; (iii) Choice; and (iv) Wants.
(b) List any 5 major aspects of Agricultural Economics
5. (a) Explain with examples where necessary, the following terms discussed in Animal Science Section of AGR 203
(i) Pseudo-ruminants; (ii) Abomasum; (iii) Non-fermenters; (iv) Germ cells; (v) Broiler chickens; (vi) Growers mash; (vii) Parent stock; (viii) Coprophagy; (ix) Creep feeding; (x) Nomadism; (xi) Caprine; (xii) Boar; (xiii) Ovine; (xiv) Flushing; (xv) Breed.
6. (a) There are only three primary soil types. TRUE or FALSE.
(b) List 5 career opportunities in soil science.
(c) List 4 soil chemical properties. Why are they referred to as chemical properties?
(d) List 4 soil physical properties. Why are they referred to as physical properties?
7. (a) Define each of the following: (i) Population; (ii) Biocenosis; (iii) Ecosystem; (iv) Ecosphere
(b) Differentiate between a crop and a plant.
(c) Mention three sources of evidence used in determining the origin of a crop.

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