

FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI
SCHOOL OF AGRICULTURE AND AGRICULTURAL TECHNOLOGY
DEPARTMENT OF FISHERIES AND AQUACULTURE TECHNOLOGY (FAT)

RAIN SEMESTER EXAMINATION FOR 2017/2018 SESSION

Course Code: FAT 202

TIME: 2HRS 30MIN

Course Title: INTRODUCTION TO FISHERIES AND AQUACULTURE

INSTRUCTION: ANSWER FOUR QUESTIONS ONLY, TWO FROM EACH SECTION

SECTION A

- 1a. Write short notes on the following;
 - i. Artisanal fisheries
 - ii. Aquaculture
 - iii. Industrial fisheries
 - iv. Fishing techniques
 - v. Fishing gear
2. List and discuss 5 importances of fisheries in Nigeria
- 3a. Define active and passive gear and give 3 examples each.
 - b. Mention and discuss 2 illegal fishing techniques
 - c. List five types of conventional fishing gear you know

SECTION B

- 4a. Define the following nutritional terms
 - i. Feed ii. Diet iii. Feedstuffs iv. Artificial feeding v. supplementary feeding
- b. Use the simultaneous equation to formulate a feed of 30% crude protein, using yellow maize (10%) and Rice bran (8%) as energy sources and soybean meal (44%) and shrimp meal as ^{56%} protein sources.
- 5a. What do you understand as the concept of fisheries and aquaculture?
 - b. Differentiate between
 - i. Natural breeding and Artificial breeding
 - ii. Induced breeding and Hormone induced breeding
 - iii. Fisheries and Aquaculture
 - iv. Monoculture and polyculture practices
 - v. Duoculture and Mariculture
- 6a. What do you understand as informal and formal sources of finance?
 - b. Explain the following financial terms;
 - i. Capital costs
 - ii. Variable costs
 - iii. Fixed costs
 - iv. Rate of return on capital investment
 - v. Payback period

E. C. Sounder