



NATIONAL OPEN UNIVERSITY OF NIGERIA

**University Village, Nnamdi Azikwe Express Way, Plot 91,
Cadastral Zone,
Jabi, Abuja**

**Faculty of Agricultural Sciences
FIRST SEMESTER EXAMINATION: June/July**

COURSE CODE: AFM 314

COURSE TITLE: FISHERIES AND AQUACULTURE EXTENSION (3 Units)

DURATION: 3HRS

ANSWER ANY 5 QUESTIONS (all question carries equal marks)

1. What is capture fisheries and aquaculture?
- 1b. In your own words explain fish culture and its problems in Nigeria.
- 2a. What is the objective of fisheries extension and importance of extension to fisheries sub-sector?
- 2b. Define extension and list major areas of scope for fisheries extension.
- 3a. Explain the difference between the scope and philosophy of Fisheries Extension.
- 3b. Discuss the functions of fisheries extension agency.
- 4a. "The role of extension is to help people help themselves". Justify by relating this to fisher folks in Nigeria.
- 4b. Enumerate any ten (10) roles of extension agencies in fisheries development in Nigeria.
5. Discuss ten (10) major problems of the fisheries sub-sector in Nigeria
- 6a. Discuss three (3) objectives and two (2) mission of agricultural technology transfer system
- 6b. Discuss three (3) objectives and two (2) mission of agricultural technology transfer system.

7a. What do you understand by “appropriate technologies” in fisheries? List four (4) characteristics of such technologies in each of capture fisheries and aquaculture

7b. Diffusion of innovation is a multi-step process. Identify the components of this process.