



NATIONAL OPEN UNIVERSITY OF NIGERIA
University Village, Nnamdi Azikiwe Expressway, Plot 91, Cadastral Zone, Jabi, Abuja
Faculty agricultural Sciences
Exam Question January, 2018

Programme: B. Agriculture

Course Code: AFM321

Course Title: Fisheries Management and Conservation

Credit Unit: 2

Total Score: 70Marks

Time Allowed: 2Hours

Instruction: Answer COMPULSORY QUESTION 1 (25marks) and any other three (3) questions (15marks each)

QUESTION 1

- a) Define the term Malthusian overfishing? **2marks**
- b) Highlight three ways in which an ecosystem can be overfished? **3marks**
- c) Enumerate the conditions under which a fishery can be said to be developing?
- d) What are the environmental changes that have been found to affect both water and fisheries development in Nigeria over the years? **4marks**
- e) Highlight the various approaches to fisheries management? **8marks**
- f) What are the various forms of fisheries enhancement? **5marks**

QUESTION 2

- a) Describe the term Sustainable development? **2marks**
- b) Highlight five constraints on fish sheltering and retention systems? **5marks**
- c) What are the factors affecting the acceptance of traditional methods of fisheries management? **4marks**
- d) Enumerate the problem of laws enforcement of fishery decrees? **4marks**

QUESTION 3

- a) What are the key elements of Integrated River Basin Management? **5marks**
- b) What are the strategies adopted to achieve the policy objectives of the Federal Government of Nigeria? **5marks**
- c) Highlight 5 major causes of Declining Fish Stocks? **5marks**

Question 4

- a) Enumerate the various types fishery resource base in Nigeria? 5marks
- b) Enumerate the various types fishery resource base in Nigeria? 5marks
- c) What are the guidelines and standards set by the Federal Environmental Protection Agency of Nigeria as it relate to six areas of environmental pollution control? 5marks

QUESTION 5

- a) Define fisheries management? 2marks
- b) Highlight the role of federal government in fisheries through the Federal Department of Fisheries. 7marks
- c) What strategies should fisheries policy makers adopted to ensure sustainable development of Nigerian fisheries? 6marks

QUESTION 6

- a) Describe the term Traditional fisheries management? 2marks
- b) Enumerate the objectives and limitations of the traditional systems in Nigeria? 9mark
- c) What are the factors affecting the acceptance of traditional methods of fisheries management? 4marks.