

TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF ENVIRONMENT OF HEALTH AND HEALTH SCIENCES

University Examination for the Degree of Bachelor of Science in Marine Resources

Management

BSMR 13S / Year 3 / Semester 2

Code: AES 4314: Coastal Aquaculture

SEMESTER EXAMINATION

Series: May / 2016

TIME: 2 Hours

Instructions to candidates:

This paper consist of FIVE questions

Answer question ONE (compulsory) and any other TWO questions

This paper consists of two printed pages

QUESTION ONE

SECTION A:

- a. State the aquaculture trends and forecast? [3 marks]

- b. What are the basic requirements for fish farming?[3 marks]

- c. Why do we need aquaculture? [3 marks].

- d. How important is water quality shellfish farming? [3 marks]

- e. Can confined fish become a breeding ground for diseases or pests, which can be transmitted in some cases to wild fish?[3 marks]

- f. Aquaculture reduce hunger and improve livelihoods in developing countries? Discuss? [3 marks]

- g. Are antibiotics used in fish farming? [3 marks]

- h. Farmed finfish and shellfish contribute to a healthy diet. Explain?[3 marks]

- i. State the kind of feed which is given to farmed finfish and shellfish? [3 marks]

- j. How is aquaculture regulated in the Kenya? [3 marks]

SECTION B:

- 2. Discuss the stages of shellfish farming? [20 marks]

3. Discuss how aquaculture cause water pollution? [20 marks]

4. Discuss aquaculture rely heavily on wild fish for feed? [20 marks]

5. How are fish farms regulated to minimize environmental impact?[20 marks]