

SOUTH EASTERN KENYA UNIVERSITY

UNIVERSITY EXAMINATIONS 2014/2015

THIRD YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE **OF BACHELOR OF SCIENCE IN FISHERIES MANAGEMENT AND AQUACULTURE TECHNOLOGY.**

WFA 302: FISHERIES AND MARICULTURE

DATE: 16th APRIL 2015

TIME: 2HOURS

(a) Answer <u>ALL</u> the Questions in Section A

(b) Answer <u>ANY THREE</u> Questions in Section B

SECTION A (40 MARKS)

 3. State five distinguishing taxonomic features used in the systematics of crustaceans (5 mails). 4. Describe the life history and behavior of the genus Sacculina (5 mails). 5. Explain the following statement. 'Pollution is one of the challenges facing shellfish trade' (5 mails). 6. Outline the basic biological principles of shellfish aquaculture (5 mails). 7. a) Giving specific examples, explain the commercial importance of mollusks (10 m (b) Discuss the global trends in shellfish fisheries (10 m b) Discuss the status of mariculture in Kenya (10 m 9. Discuss the status of mariculture in Kenya (10 m (b) Mud crab farming in the Philippines or (b) Philippines (b) Philippines	1.	Describe the feeding habits of gastropods	(5 marks)
 4. Describe the life history and behavior of the genus Sacculina (5 mails) 5. Explain the following statement. 'Pollution is one of the challenges facing shellfish trade' (5 mails) 6. Outline the basic biological principles of shellfish aquaculture (5 mails) 5. ECTION B (60 MARKS) 7. a) Giving specific examples, explain the commercial importance of mollusks (10 m (b) Discuss the global trends in shellfish fisheries (10 m b) Discuss the status of mariculture in Kenya (10 m 9. Discuss either (a) Abalone farming in South Africa or (b) Mud crab farming in the Philippines or 	2.	Describe the reproductive strategies of cephalopods	(5 marks)
 4. Describe the life history and behavior of the genus Sacculina (5 mails) 5. Explain the following statement. 'Pollution is one of the challenges facing shellfish trade' (5 mails) 6. Outline the basic biological principles of shellfish aquaculture (5 mails) 5. ECTION B (60 MARKS) 7. a) Giving specific examples, explain the commercial importance of mollusks (10 m (b) Discuss the global trends in shellfish fisheries (10 m b) Discuss the status of mariculture in Kenya (10 m 9. Discuss either (a) Abalone farming in South Africa or (b) Mud crab farming in the Philippines or 	3.	State five distinguishing taxonomic features used in the systematics of crustaceans	(5 marks)
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 8. a) Describe the reproductive strategies in bivalves (10 m b) Discuss the status of mariculture in Kenya (10 m 9. Discuss either (a) Abalone farming in South Africa or (b) Mud crab farming in the Philippines or 	7.	a) Giving specific examples, explain the commercial importance of mollusks	(10 marks)
 b) Discuss the status of mariculture in Kenya 9. Discuss either (a) Abalone farming in South Africa or (b) Mud crab farming in the Philippines or 		(b) Discuss the global trends in shellfish fisheries	(10 marks)
9. Discuss either(a) Abalone farming in South Africa or(b) Mud crab farming in the Philippines or	8. :	a) Describe the reproductive strategies in bivalves	(10 marks)
(a) Abalone farming in South Africa or(b) Mud crab farming in the Philippines or		b) Discuss the status of mariculture in Kenya	(10 marks)
(b) Mud crab farming in the Philippines or	9.]	Discuss either	
		(a) Abalone farming in South Africa or	
(c) Prawn farming in Singapore (20 m		(b) Mud crab farming in the Philippines or	
		(c) Prawn farming in Singapore	(20 marks)