Fdpr.4106

KERALA AGRICULTURAL UNIVERSITY

B.Tech.(Food Engg.) 2014 Admission VII Semester Final Examination-January-2018

Processing of Marine Products (2+0)

Marks: 50

Time: 2 hours

I	1 2 3 4	Dun spoilage is caused by	stage the temperature falls below the freezing point, without forming ice er ratio in chilled sea water is oilage is caused by		
	5	differential and the second of			
		Match the Following			
	6		а	Sauce	
	7		b	Smoked fish	
	8	. r	С	Freezing stage	
	9	10	d	Sarcina	
	10) Patis	е	Vibrio	
п		Write Short notes on any FIVE	nf th	ne following	(5×2-10)
	1	Spoliage of fish during chilled storage.			(5x2=10)
	2 Define freezing 3 Eutectic point				
	4	Frezing Rate			
5 Freezing time					
	6	Define enthalpy and entropy			
	7	Principle of salting			
III		Answer any FIVE of the following. (5x4=20)			
l Heat resistance of microorganisms					(334-20)
	2 TDT curve				
3 Write about principle and advant				f asentic nackaging	
	4	Explain different types of mechanical dryers			
 Different types of salting methods Different types of smoking methods 					
	7	Write about Fish sauce			
IV	1	Write an essay on any ONE of the following Explain the extraction methods involved in S. I.			
	2	Explain the extraction methods involved in fish body oil and liver oil Write about principle involved in Retort pouch Processing and explain the merits and demerits.			
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