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		DE Dance Examination Dec 2017/Jan.2018		
Sixth Semester B.E. Degree Examination, Dec.2017/Jan.2018				
Marine Electrical Technology				
Time: 3 hrs. Marks:100				
Note: Answer any EIVE full questions, selecting atleast TWO questions from each part.				
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		PART - A	(10 Marks)	
1	a.	With Construction and Internitional (Haylatti, Capitalli Diustitus Besterniti	(10 Marks)	
		Write the rules and regulations governing electrical machineries on ship.		
2	2 a. Explain the classification of batteries. Discuss any one emergency battery used in ship.			
2				
	b.	What are the different emergency loads? Classify depending on the period of	(10 Marks)	
		supplying from emergency generator.	•	
-	_	With neat diagram, explain different distribution system used in the ship.	(10 Marks)	
3	a. b.	With neat diagram, explain different distribution 3335411 and Insulated (Earthed and Isolated) neutral With the circuit, explain Grounded and Insulated (Earthed and Isolated) neutral	systems in	
	0.	detail.	(10 Marks)	
4	a.	What are the different protective devices used for marine electrical motor	(10 Marks)	
		Explain briefly. With the help of neat circuit diagram, explain Star – delta starter used in electrons with the help of neat circuit diagram.	rical motor.	
	b.	with the help of heat chedit diagrams	(10 Marks)	
		PART - B	tem in ship.	
5	a.	What is the need of alarm system in ship? List and explain different alarm system		
1	b.	With circuit, explain in detail about Oxygen Analyzer tised in on board ship.	(10 Marks)	
2	0.		(10 Marks)	
6	a.	Explain in detail the different steps involved in Fault finding	em in ship.	
2	b.	Explain in detail the different steps involved in Fault infulige Explain different testing equipment used for maintenance of Electrical syst	(10 Marks)	
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	7 a.	Explain in detail about different tanker classification and their dangerous spacer	(10 Marks) (10 Marks)	
į.	b.	Explain in detail about the followings.	(IU Marks)	
É		i) Flame proof (Ex'd) equipment ii) increased safety (Ex'd) equipment iii) iii) iii) iii) iii) iii) iii) ii	uipment.	
		m) mample defends (')	
	ο .	Explain the need of Fire Fighting Equipment in Ship's Engine Room and	discuss the	
	8 a.	different fire fighting system in ship.	(10 Marks)	
	h	different fire fighting system in ship. List out the different switch gears and equipments and discuss the importance of	THE SOUTH III	
