2010 HSC Chemistry **Question 33 Band 2/3** -1 -Sample 3 Start here. The marine environment would 0) caused the metal vins trave the artefact 70 3 avour exidise, and would have Ho was rot to break down. beain Oxidization R na wood 6). K131with. KCKag) K+ + e-2.94 K \rightarrow hi

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510.

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Band 2/3 Sample 3

(). The composition properties of a steel is determined by its composition. I has alot of Fe and not much C Steel there some it would be a softer, heavier steel Steel 2 4 still has alot of Fe but has more a then steel 1, therefore steel I will be Stronger than steel 1. - Steel 3 - More C = Stronger -Steel 4 - less fe = lighter - Cr = Strength - good for negpons. Source of the State and State representation of the second second second second second second second second sec Additional writing space on back page. Office Use Only - Do NOT write anything, or make any marks below this line. 1073110104

Question 33

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Band 2/3 Sample 3

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	. <i>1</i> 9		
	k k		
warm		<u> </u>	Cool Salt
No salt	Salt	Vo salt	Balt
Warn	warm	Cool Vosalt	Cool Salt.
No Salt	5017	0032(1	Sait.
1) prepare			
\$ 8 containers	, each He	same siz	e with
He save		1 Augusta	
1 1 Y A C W ¹ N H R R ¹ 1991	same type	*	
-+ with #	air tight lide	, 4 with	and sut
@ set up	as shown	above a	- past
containers 1	abled 'warm	r' put in	a warm
spot, cont	ainers lable	d'cool'	put in se
•	ng dan bili kerin		
3 Leave So	na seat a tagaé	ala	
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4 compare	- vesults.		
	-12		
	and have a choiced	e djua (filiji filoane)	nan an in d
i na ana ing pananan sa malakata	energie das Stationes energies - S. Stati	en politika (d. 1	dar (A) yang kara
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Sec. 1

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ii in a marine environment temperature is reduced the deeper into the water you go. A ship where closer to the surface of the water would be warmer than a where several kilometres deep and would therefore conode at a faster vate. c) To restore conserve a wooden artesact the artesact needs to be continously Stushed with fresh water to ensure that all the salts and disclued solids show the sea water is nemoved. After the artifact has been vinced for a long time a vesin can be coated on it to fill the gaps in the wood and hold it together. Although this technique takes a long time to conserve a wooden artefact, it is a veliable and suitable technique. Copper artesacts can be restored by using dectrolysis. Electrolysis is a very veliable and suitable technique for smaller copper airtesacts but can begin to become tricky and expensive For larger copper artefacts Additional writing space on back page.

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