10	210	210	210	210	210	210		210
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10	210	210 6^t	BRANCH Time Max	ck Examinatio N MAKING : METTA, MN e : 3 Hours Marks : 70 ODE : F528	2.0	210		210
		Answer Question		•	-		t.	
10	210	210 I ne figu		210 210	indicate marks	210		210
	Q1 a) b)	, ,	eferable used for i	•	rather than magne		(2 x 10)	
	c) d)	Why sponge iron is what is CSR & CRI What is low temper	?	-		ls? And		
10	210 e) f) g) h) i) j)	Why carbon bloc aluminosilcate? What is tumbling o very essential expla Why granulation is	k is chosen as r abrasion test of ain in details? mandatory some is there in DRI and d how it changes	s refractory lin raw material in times before sin d how it is a limi with season?	ning in ² hearth a iron making and w nter of sinter mix be tation for procession	why it is ed?		210
10	لا 210	210	210	210	210	210		210
	Q2 a) b)	, , ,				ig steel	(5) (5)	
	Q3 a)	Describe, briefly, ho casting mould?	ow solidification o	f liquid steel tak	es place in the cor	ntinuous	(5)	
10	210 b)	Explain different va	riety of aron ore (li	n Fe%)≄,αtheir oo	ccurrences worldw	ide? 210	(5)	210
	Q4 a)	pallet?			-		(5)	
	b)	Write about Testing flux) for iron making		various raw ma	iterials (iron ore, c	oal and	(5)	
	Q5 a)						(5)	
10	210 b)	Furnace?210 Give comparison bo sketch?	etween Bell and b	210 Dell-less chargin	g systems with ne	210 cessary	(5)	210
	Q6	Explain difference b	between Pig iron,	Sponge iron and	d Hot Briquetted Ir	on?	(10)	
	Q7	What are the object	tives of Sintering?	PExplain proces	s of Sintering?		(10)	
210	Q8⊵10 a) b) c)	Write short answer Various operational Blast furnace irregu Direct Reduced Iron	l steps of blast fur larities and reme	dial measures	210	210	(5 x 2)	210