B. Tech. Sem - III (Production Engg.) (2014 COURSE) (CBCS) : SUMMER - 2019

SUBJECT: WELDING AND FOUNDRY TECHNOLOGY

Day: Date:	Thursday 09/05/2019		Time: 02.30 PM TO 05.30 PM Max. Marks: 60				PM
N.B:	1) 2) 3) 4)	Figure Draw	_	ht indicate beled diagr	FULL marks	EVER necessary.	
Q. 1						able sketch Principle, operation of TIG Welding.	(10)
					OR		
Q. 1	a) b)		Velding. Giv types of flan			relding processes.	(05) (05)
Q.2	a) b)				n seam weldin ojection Weld		(05) (05)
					OR		
Q.2			solid state elding in de		Explain with	suitable sketches Diffusion and	(10)
Q.3	a) b)	_	note on: of Polymer of Cast Iron				(10)
					OR		
Q.3			Electron B tages and ap			n detail. Also state advantages,	(10)
Q.4	a) b)				s? Explain the re, Core prints	em in detail. s and Core chaplets?	(05) (05)
					OR		
Q.4		Describe	Core makir	ng procedui	re in detail.		(10)
Q.5		Explain v	with suitabl	e sketches	pouring equi	ipments. Also Explain pouring	(10)
					OR		
Q.5		Describe	Inspection	and testing	of casting in	detail.	(10)
Q.6				-		ble sketches steps involved in lemerits and applications.	(10)
					OR		
Q.6		What are detail.	the differ	ent method	ds of centrifu	ngal casting? Explain them in	(10)

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