CBCS Scheme

USN												N	20)		15MA43	
		Four	rth S	Sen	nesi	ter F	3.E.	De	gree	Exam	inat	ි් ion	June/	July 2	018	
									1000 1000	roce	(C/)	V				
Tim	ne: 3	3 hrs.							<i>y</i>			Max	k. Marks: 80			
		Jotos Am	en a m	CV #411	EH.	7E 61	1	actio		Sing a	na ful	II augs	tion fu	om agah	module.	
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ai .	_	D - C V	X7_1J	·	E	1 - 1 - 41			/	dule-1		1			(00 M - 1 -)	
1	a. Define Welding. Explain the principle of welding with sketch.b. With neat sketches, explain the types of weld joints.													(08 Marks) (08 Marks)		
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2	a.	Write a	shor	t not	te on	; i)	Arc	wel	ling pr	ocedure	ii)	Safety	y consi	ideration	s in welding. (08 Marks)	
	b.	Explain	edge	pre	para	tion r	neth	ods i	n weld	ing, witl	h sket	ch.			(08 Marks)	
			1/7	2,						-						
-				1	. ('\ G		771	Mod	AND DESCRIPTION OF THE PARTY OF	1.70	vi .	1			
3		Explain with sketch i) Coated Electrode ii) Cored Electrode. With neat sketch, explain flux shielded metal arc welding.													(08 Marks) (08 Marks)	
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		77							O	R					~@ ₅₅	
_4	a.	Explain													(08 Marks)	
	b.	b. With neat sketch, explain submerged arc welding.													(08 Marks)	
		Module-3														
5	a.	Explain with sketch, Seam welding.											TO THE	(08 Marks)		
	b.												W. P.	(08 Marks)		
									0	R				<i>3)</i> //		
6	a.														(08 Marks)	
	b.	Explain							0	1		(M)	(3) ₁		(08 Marks)	
											, (5					
7	a.	Write t	he di	ffere	nce	hetw	een	Sold		ule-4	ing				(08 Marks)	
		Write the differences between Soldering and Brazing. Explain the steps followed during brazing process.													(08 Marks)	
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						C	,		1	\mathbb{R}						
8	a.	Explair		•	^	_			11 7		oip bra	nzina			(08 Marks)	
	b.	Explair	ıwıtı	I SK	eten	. 1) 1	orci	ı via	curg	п) Б	nh ora	azınığ.			(08 Marks)	

Important Note: 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.

2. Any revealing of identification, appeal to evaluator and for equations written eg, 42+8 = 50, will be treated as malpractice.

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Module-5

OR

(08 Marks)

(08 Marks)

(08 Marks)

(08 Marks)

Explain with sketch, Welding defects and its causes.

With neat sketch, explain Magnetic particle Inspection method.

Explain with sketch, Formation of different zones in welding.

With neat sketch, explain Radiography Inspection method.