GBCS Scheme

	Ą						-4-4-40 -40°.		15	MR553
TONI	FT	Ť							and the second	MARCO
ISN				tow B	F Degr	ee Examin	ation, D	ec.2017/	Jan.2018	
		Fil	th Sem	ester D	Monii	facturing	Tech	nology	1 2 9	
				larıne	; Wanu	140141111	•		Max. Mai	rks: 80
Tim	ne: 3	hrs	. 37.2			-l- aggi ng	one full a	uestion fro	m each mod	ule.
	No	te:	Answer a	ny FIVE	full question	ons, choosing Module-1	one iun q			
			1 /			Module		1 Sec.		(05 Marks)
1	a.	Def	ine weldii	ng. Write	the classific	cation of weldi	iig.			(05 Marks)
_										(06 Marks)
						elding and sear				• •
				C -1-m	ah avnlain	oxy acetylene	gas weldir	ng process.		(07 Marks)
2	a.	Wi	th the help	of a ske	ween solder	ing.		14,1		(05 Marks) (04 Marks)
	b.	Lis	it the diffe	ous weld	ing defects.		1			(04 Mains)
	c.	Me	ention vari	ous were	ing wayer.	Module-2				
				11		of moulding s	and?			(08 Marks)
3	a.	W	hat are the	desirabl	e properties	of moulding sorking of Elect	ric Arc fu	rnace.		(08 Marks)
	b.	W	ith a neat	sketch ex	plant the we					
						OR ain briefly the	different	stens invo	lved the shel	l moudling
4	a.	W	ith the he	lp of a	sketch expla	ain briefly the	different	эсорь н		(08 Marks)
·		pr	ocess.			: dofacte dist	ing castin	g process.		(04 Marks)
	b.	E	xplain brie	fly the d	ifferent cast	ing defects dur	cess.	.		(04 Marks)
	c.	W	/ith a neat	sketch e	xpiain squee	ZC Caseing p				
						Module rocesses and e	<u>y</u> vnlain vit	rified a res	inoid bonding	g processes.
5	5 a.	N	1ention th	e various	Bonding p	rocesses and e	xpiane vie			(08 Marks)
Ī				1	tomal oxili	ndrical centrel	ess grindir	ng with a ne	eat sketch.	(08 Marks)
	b.	E	Briefly exp	lain the	Xiemaicym	OR				
				. س	:La broco	*.1	sketch an	d state its a	dvantages.	(08 Marks)
1	6 a b	. E . F	Explain bri Explain br	iefly the liefly the	lapping proc	,C33 W1011 W 11-0-11		nd state its o	lisadvantages	6. (08 Marks)
						Madule.	.4		King.	(05 Marks)
	7 a	. 1	Differentia	ite betwe	en Hot worl	king and cold v	vorking of	operations	800	(08 Marks)
			With cimn	le sketch	es expiain u	illicitine type-	or Fording	у орегиноль	k#	(03 Marks)
		:	List the va	rious typ	es of rolling	2 1111113.				
				A 11 4 4 4 4		UK	**0.0055			(05 Marks)
	8	a.	With a ne	at sketch	explain imp	oact extrusion p)[OCCSS.		100	(05 Marks)
)		b.	www.rt.1 (**)-	-+ alcotch	evniain bro	51622146 016.			N _e	(06 Marks)
		c	Sketch an	d explair	explosive i	Of Hing broom				<i>2</i> 0.
						Module	2-3 d. ovnlain	the taper	turning of	swiveling the
	9	a.	Mention	the met	hod of Tap	Modulo per turning an	u expiani	the tag	_	(08 Marks)
i			compoun	d rest me	thod.	an a drillin	o machine			12
		b.	Explain t	he follov	ing operation	ons on a drillin iii) Counter	Boring	iv) Counter	r sinking.	(08 Marks
		*	i) Retain	ing	ii) Boring	III) Course	•	,		
						OR		milling.		(06 Marks
	10	a.	With the	help of	ketch expla	in up milling a	head on m	ill 69 divis	sions on a spi	ur wheel blank
		b.	Show th	e calcula	tions for se	in up milling a tting dividing	noud on n			(06 Marks
			1	annd ind	exing.					(04 Marks
		c.	Mention	the adva	intages of C	NC machines.	* *			