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		DDI			1110	TE U	(AU	TON	DMOL	JS)	inci	mor			ĨŪŔ	
		B.Te	ch III	Year	I Sen	neste	r Sup	plem	entar	y Exa	amina	ations	s Augu	ust-20	21	
				IND	USTR	IAL I	ENGE	NEEF	RING	& MA	ANAC	GEME	NT			
—	2.1					(N	1echa	nical I	Engine	ering)					
Time: 3 hours Max. Marks: 60															ks: 60	
	(Answer all Five Units $5 \times 12 = 60$ Marks) UNIT-I															
1	1 a State and explain the Douglas Mc-Gregor's Theory X and Theory											уY.			6M	
	b Describe the Hertzberg's Two factor theory of motivation.															6M
2	0	Writ	a tha c	lafiniti	ion of	Monor	romor) t and)R Admir	istrat	ion					6M
4	b How accountability is important for an Organization.															6M
						mpon	unt 10	UN	IT-II							UTT
3	3 a What are the various computerized techniques used for plant layou															8M
	b	Wha	t are	the fac	ctors g	govern	ing tł	ne pla	nt loca	ation.	Expl	ain wi	th any	one s	pecific	4M
		indu	stry.						D							
4	я	Wha	t are tl	ne vari	ious da	ata ana	lyzin	o form	JK Is in nl	ant la	vout?	Fxnla	in then	n in de	tail	7M
	b	Diffe	erentia	te betv	ween p	process	s layo	ut and	produ	ct lay	out.	DAPIC	in then	ii iii de	turr.	5M
					1		2	UNI	T-III							
5	5 a What are the typical questions used in operation analysis with respect to													et to m	naterial	6M
		shape, equipment, tool, and other aspects of the operation and elements of operation?														
	b What is the purpose of string diagram and explain it with an example. 6															6M
		OR														
6	a b	Desc Wha	t is the	e SIM	IO cha	irt Witl the tak	n an e	xampl	e.							6M 6M
	U	vv 11a		Johng	, .List	ine tai	ne wi		T_IV							UIVI
7	a	Desc	ribe (i) Dire	ct Inve	entorie	s (ii)	Indire	ct Inve	entorio	es wit	h suita	ble exa	mples	L	8M
	b Describe the cost associated with the inventories.													4M		
								C)R							
8	a	Deriv to be	ve the manu	formu factur	la for ed.	detern	nining	g numł	per of	produ	iction	runs a	nd opti	imum 1	lot size	4M
	b	b A company produces 4800 parts per day and cells them at approximately half of that 8													8M	
		rate.	The s	48000	COST 15	ts Fin	1000 d· (a)	and ca	arryınş nal lo	g cosi	(1S K)	s. 5 p umber	er unit	. The	annual	
		that s	should	be scl	hedule	d per	vear, o	c) Len	gth of	each	produ	ction	un.	Juuciic	in runs	
UNIT-V																
9	a	Deta	il abou	ıt X ar	nd R cl	harts.										6M
	b	Expl	ain in	detail	about	P and	C cha	rts.				ж. ₁ .				6M
10	0	W/be	t are th	na mai	ortim	as of A	0000	C	R	ing?						514
10	a b	Write	e in de	tail ah	out O	uality	circle	s in T	Sampi OM.	mg (51VI 7M
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