END TERM EXAMINATION

	FIFTH SEMESTER [B. TECH] DI	CEMBER 2019	
Pape	per Code: ETME-301	Management of Manufacturir	ıg
	Subjecti	CHETEIRS	_
Time	me: 3 Hours	Maximum Marks:	75
Note	ote: Attempt any five questions including	O. No. 1 which is compulsor	y.
	Select one question from	each unit.	
Q1		(5x5=	251
		(0x3-2	20j
	(a) Explain the term Group Technology. (b) Differentiate between B.		
	(b) Differentiate between Production and Prod (c) Define time study. State its advantages and	uctivity	
	" - The proventive maintenance and chair if	R ODIECUVES.	
	(e) Enumerate the reasons for effective cost co	ntrol.	
Q2	2 Describe the different types of layout. Also	discuss in detail the advantages a	ınd
•	disadvantages of each type,	(12	.5)
Q3		hure. Describe each and discuss	its
	advantages and limitations.	(12	.5)
	UNIT-II	er.	
Q4	14 (a) What is Demand Forecasting? What	ire the steps involved in deman	nd
	forecasting? How the market strategies are	affected due to forecasting? (O.	.0)
	(b) What is man and machine chart? How is Discuss flow process charts in detail.	it used to make a method analysi	(6)
05		involved in Time and Method stud	dy
Q5	procedure.	(*	0)
	(b) Explain the following:	(4.6	5) ·
	(i) SIMO Chart (ii) PMTS		
	IINIT-III ~		
Q6	(a) Explain the role of predictive mainter	ance and describe how preventi	ive
Ų	maintenance is better than corrective main	ntenance. (6.	.5)
	maintenance is better than corrective main (b) What is EOQ? Derive the formula for I	20Q when shortage is allowed. A	(6) 180
	discuss replacement policy.	the educators and disadvantage	101
Q7	(a) What is corrective maintenance? What are corrective maintenance? How could it be recorrective maintenance?	: the advantages and disadvantages educed?	2 01
			Rs.
	(b) An industry uses an item at the rate of 100/- per unit if purchased in lot sizes up	oto 999 and it costs Rs 95/- per un	it if
	100/- per unit it purchased in lot sizes of purchased in lot sizes of 2000 or more. T	ne inventory carrying costs are 20%	% of
	purchased in lot sizes of 2000 of history the cost price per unit per year and order	nng costs are Rs 350/- per order, i	ınd
	EOO.		
	UNIT-IV	, Dolo mila di la constanta di Cons	
Q8	8 (a) Define the term Management. What are be (b) What is break even chart? How it can be p	lotted? Explain cost centre	(6.5)
•			(6)
Q9	9 (a) What do you understand by scientific ma	nagement? Describe the important	ce of
QÞ	human relation skills to a manager.	lle for De 10 50 see welt bee fixed	(6.5)
	(b) A factory producing only item, which it se	of Rs. 7.50 per unit find out fil	The
	equal to Rs. 60,000 7276 cook	til No of with to be produce	A +-
	number of units to be produced to break earn a profit of Rs. 12,000; (iii) The pro-	and in poloco diffico and $\mathbf{F}_{i} = \prod_{i=1}^{n} \mathbf{F}_{i}$	
	sold.	1	· (6)
	Solu.		