<u>J</u> 1	<u>U1</u>	<u>U</u> 1	U1	U1	<u>U</u> 1	<u>U1</u>				
Code	No: 128DZ				R15					
		LAL NEHRU T				ABAD				
J	: 3 hours		II Semester Exa ON PLANNING Mechanical Engin	AND CONTR	OL 1	farks: 75				
		paper contains tv	vo parts A and B		_,					
	Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.									
	marks and m	•								
<u>J</u> 1	<u>U1</u>	<u>U1</u>	PART - A	<u>U</u> 1	<u>U</u> 1	(25 Marks)				
1.a)	State the fund	ctions of PPC.				[2]				
b)		ernal organization				[3]				
c)		hi procedure of fo	_			[2]				
d)		east error? State v	•	presenting forec	east error.	[3]				
e)	1 1	A class items con	1 1			[2]				
f) g)		ssion for basic EO dard scheduling p				[3]				
h)		alancing problem		cy and balance	delay.	[3]				
i)		s involved in disp		j	J	[2]				
j)	How do you	make use of comp	outer in aggregat	e planning?		[3]				
			D. D. D.							
1	1 1	1 1	PART - B	1 1	1 1	(50 N/s1				
2.a)	State and evn	lain various objec	tives of Producti	on Planning and	Control	(50 Marks)				
b)	State and exp	lain various eleme	ents of production	on ryanning and n control	Control.	[5+5]				
0)	State and exp	iam various elem	OR	n control.						
3.	Classify pro	duction system a		ume and variet	y they produc	e and write				
		s of each type of				[10]				
4. 	A firm uses for first wee	asting? State and simple exponentials was	<b>OR</b> al smoothing wit	h $\alpha=0.02$ to for	ecast demand.					
	450 units.									

b) Assume that the actual demand during second week of January turned out to be 460 units. Forecast the demand up to February third week, assuming the subsequent

[10]

a) Forecast the demand for the second week of January

demands as 465, 434, 420, 498 and 462.

6.						<u>-</u>	ns Classif				
Ite no	em o	501	502	503	504	505	506	507	8	9	10
: -	nnual	30000	280000		110000	4000	220000	15000	80000	60000	8000
	Price	10	15	10	5	5	10	5	5	15	10
8. 9.	a) Ex b) D  a) St see b) W	xplain about a plain varied a routate the equencing ve have find a procession of the procession and the procession are procession and the procession are procession and the procession are	ges over P out MRP I rious steps ite sheet by condition g problem ive jobs ea	e system logic.  s involve y taking as for a ach of v	red in routing an examp	ng proce ole. OR Johnson st go thro	edure.  algorithmough the m	n for n	jobs and	[5+]	-5] -5] chine
J1		M	fachine A fachine B fachine C	5 2 3.3.	7		5	5	5		<u>J</u> 1
	0.a) St b) D 1.a) W	tate and e Draw the m	explain actinove ticket	ivities of the period of the p	he jobs that of dispatched ing an examination of the collow-ups.	er. mple. <b>ÖR</b> . Explain	n. cedure.	·	psed time.	[5±	+5]
J1		J1		]1	(	<b>0000</b>	<b>-</b>	4	<u>U</u> 1		<u>J</u> 1