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CILLADAT TECHNOLOCICAL LINIVEDSITY

Su	BE - SEMESTER–VII (NEW) EXAMINATION – WINTER 2018 Subject Code: 2171501 Date: 15											
	•	t Name: Ope		s Plan	ning &	& Control						
Ti	Time: 10:30 AM TO 01:00 PM Total Mar											
Ins	tructi											
		Attempt all q										
		. Make suitabl . Figures to the		-		•						
	3	. Figures to the	e right i	nuicate	Tun mar	KS.				MARKS		
01	(a)	What is Proce	aa nlan i	nina?						03		
Q.1	(a) (b)) Explain Index method of scheduling.								03 04		
	(b) (c)								Ontimal	04 07		
	(C)	Sequence of operations?										
Q.2	(a)	Discuss Economic Manufacturing Quantity.								03		
	(b)									04 07		
	(c)	Discuss Production planning v/s Project planning. OR										
	(c)	Discuss MRP	and its	four fu						07		
Q.3	(c) (a)	1										
Z	(b)											
	(c)	Short note on: Line of balance technique. The sequence of manufacturing a product is as follows; Find out minimum										
		no. of work stations and line efficiency:										
		Operation	A	В	C	DE	F	G	Н			
		Time (In Min.)	3	7	8	4 2	5	23	8			
						OR	_	_	_			
Q.3	(a)	Explain scope	of sche	duling	with exa	imple.				03		

- (b) Explain method of regression analysis.
- Discuss aggregate planning. Justify use of mixed strategy. (c)
- Classify sales forecasting techniques. Q.4 **(a)**
 - Discuss Master Production Scheduling. **(b)**

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Discuss how PPC function is carried out in Job Production, Batch 07 (c) Production and Continuous production.

OR

- What is 'Break even analysis'? Q.4 **(a)**
 - Discuss usefulness and limitations of 'Break even analysis' **(b)**
 - Use Johnson's rule to find out the best sequence and find total idle time 07 (c) form the following data :

Job	1	2	3	4	5	6
Milling M/c	1	5	4	2	2	4
Drilling M/c	3	1	5	2	7	3

- 0.5 (a) What is dispatching?
 - Explain the procedure of decentralizing dispatching system. 04 **(b)** 07
 - Discuss Route sheet preparation with an example. (c)

03

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- (b) Discuss forecasting for a new product being launched, with an example.
 - Define OPC function in an organization. Discuss different phases of PPC. 07 **(c)**

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