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	Reg. No.:		
	Question Paper Co	ode: 70828	
M.E./M.Tech.	DEGREE EXAMINATIONS,		ER 2019
	First Semest Manufacturing Eng		
MF 5102 – C	COMPUTER INTEGRATED A (Regulations – 2	MANUFACTURING SYS	TEMS
Time : Three Hour	s	Maximum	: 100 Marks
	Answer ALL que	stions	
	PART - A	(10×2	=20 Marks)
1. What are the	available types of dimensioning	?	
2. Write the exp	ression to scale a straight line al	oout a fixed point.	
3. What are the	types of CIM data transmission	methods?	
4. State the adva	antages of networks in CIM.		
5. What is CMP	P system ?		
6. Compare the	approaches in computer aided p	rocess planning.	
7. What are the v	various types of information/data	to be collected from the shop	floor?
8. What are the	types of materials handling devi	ices used in FMS ?	
9. What is lean i	nanufacturing?		
10. What are the	objectives of inventory manager	nent?	
	PART – B	(5×13	=65 Marks)
B(8, 1), C(1	idal lamina ABCD lies in the 10, 4) and D(3, 4). The lamina is to the new position A*B*C*D* aft	o be rotated about the z-axi	
	(OR)		
b) Explain in	detail about the editing operati	ons available on CAD/CAN	I systems.
12. a) i) Describ	e the salient features of MAP m	odel.	(5)
ii) Differe	ntiate between LAN, MAN and	WAN.	(8)
	(OR)		
b) Explain th	e functions of each layer in OSI m	odel for Network Communi	cations.

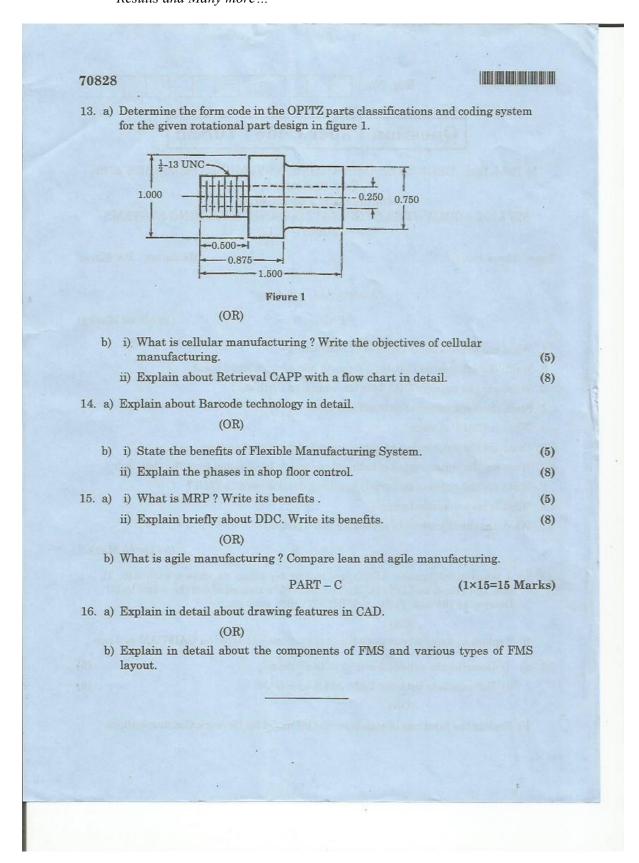
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