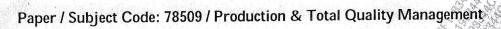
## Paper / Subject Code: 78509 / Production & Total Quality Management

Q.P. Code: 31194

Maxim	imum Marks: 75 Duration	Duration: 2 Hours & 30 Minutes		
Note.	<ul><li>1) All the questions are compulsory.</li><li>2) Figures to the right indicate full marks.</li></ul>			
Q.1. A. 1)	A. Fill in the blanks and rewrite the complete sentence ) Market pull, technology push and inter-function	(Any 8) nal view a	08 e strategies for	
	a) Product development b) process design c) Qualid d) New-product introduction.	ity manageme	nt	
2)	is described as creation of a utility and s  a) Product process b) Operation c) Production d)	ervices. Inventory.		
3)		sing, holding	and stacking of	
	material. a) Purchase Management b) Inventory management d) Process Management	c)Material Ma	inagement	
4)		as per the con	nmitment made by	
16.4	producer. a) Total Quality Management b) Purchase material d) Product development	e) Quality		
5)	5) Uniform making, readymade garments, pha production system.  a) Batch type b) Mass type c) Job type d) Process to		production are	
6)	a) Production cost b) Processing c) Inventory cost	nt handling co d) Purchasin	osts, ordering cost.	
7)	7) is the ratio of output to input in organical Safety cost b) Inventory ratio c) Performance in	zation. index d) Prod	uctivity	
8)	8) Inputs-Conversion-Output are basic factors of	ting view	•	
9)	9) International specification for an envalue a) ISO 19011 b) ISO 14001 c) ISO 9000 d) ISO		anagement system.	
10	views quality as function particular department or product.			
	a) Cost of quality b) Holistic quality management d) Kaizen	c) Quality im	provement	



Would

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Q.1. B.	. Match the following (Any 7)			07
	Group A		Group B	
1	Inventory	A	'Fitness for use'	
2	Intermittent	В	Regular inspection	<u> </u>
3	The Juran philosophy	С	Creation of useful products	
4	Work under 7 Zero banner	D	'Quality is free'	
5	Quality control	E	Stock	X38
6	Nondurable goods	F	Activities inside the factory	
7	Production function	G	Batch Type production style	
8	Philip B Crosby	Н	Static Product Layout	
9	Factory layout	I	Soap, bread, milk	
10	Bridge construction	$\mathbf{J}$	Total Quality Management	
<ul><li>A)</li><li>B)</li><li>C)</li><li>D)</li><li>Q.3</li></ul>	Explain objectives of the Plant L considered at the time of designin Explain briefly six principles of I Explain the aspects of the new Pr What are the multiple objectives	ng Plant Purchasi OR oduct's	Layout. ng. Design?	08 07 08 07
A)	What is Inventory? Explain funct	ions of	Inventory	08
B)	Explain 'DMAIC' AND DFSS' in reference to Six Sigma.			
	Priya Electrical is consuming Elect week, minimum uses 150 units per quantity 230 units, reorder period of answer the following. Calculate Sa Consumption & Average Inventory Explain briefly Material Handling	week, n r lead ti fety Sto :	naximum uses 225 units per week, me 3 to 5 weeks . With this inform ck, Reorder Level , Maximum Leve	reorder ation,
Q.4				
A) 💍	Explain eight building blocks of T	\$ 36.0° A 2 2		08
B)	Describe different methods of con	67 200	Stock Levels.	07
		OR		
<b>C</b> )	Explain why Quality Circle is call		[1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	08
D)	Explain Integrated Systems Appro	ach for	Materials Management.	07
		<b>\</b>		
Q.5		~		
A)	Explain quality components in Ma			08
B) <	Explain briefly Kaizen strategy of		i imai.	07
<b>C</b> ):	Write a short notes (Any 3)  1) Lean Thinking.  2) EOQ  3) Material Flow System  4) Process Design  5) Mass Type Production System	OR		15