		M 000	B.E	E. SEM VII	UNIVERS	ICAL)	A OFMENT		
1.	M-803 PRODUCTION AND OPERATIONS MANAGEMENT Explain types of production systems and their characteristics?								
2.	What due you understand by mass production system and batch production?								
3.	Define production planning and control?								
4.	What are main functions of PPC department at any industry?								
5.	Differentiate between standardization and simplification .								
6.	Explain major factor consideration during wheel chair design?								
7.	Find the sales forecasting for year 2014 of product abc with simple average and moving averages methods.								oving
	Year	2006	2007	2008	2009	2010	2011	2012	2013
	Sales no.	200	222	250	300	400	150	225	350
8.	Prepare a route sheet for given component. Ø40								
9.	_	following Route s		h suitable	example.				
	(i) (ii)		material						
	(iii)			ing					
10.	(iii) Aggregate planning What is importance of Master production schedule in MRP- I?								
11.	Explain MRP I and its components.								
12.	Discuss charts for variable and attributes and their application.								
13.	Discuss concepts of quality circles.								

14.	How to prepare any of project report,							
15.	Give Introduction to ISO 9000 and ISO 14000.							
16.	Give importance of Management information systems.							
17.	Discuss different types of inspection?							
18.	A project consists of 8 activities whose duration in days together with their relationships							
	are given as follows:							
	Activities Duration days Can start after							
	A	12		-				
	В	8	A	-				
	С	13		-				
	D	7	С	-				
	Е	8	В,	-				
	F	8	B,D	-				
	G	10	F	-				
	Н	15	F	-				
	Develop the project network to find out the critical path and total project duration.							
	Calculate the total float and free float of all the activities of project.							
19.	Define forecasting. What are the steps in forecasting?							
20.	What is accommis batch quantity (EQQ)9 Which factors are small at 1 C 1 d							
20.	What is economic batch quantity (EOQ)? Which factors are considered to find the same?							
21.	Define following terms							
21.	(i) Standardization							
	(i) Standardization (ii) Simplification							
	(ii) Specialization.							
22.	Discuss any one techniques of scheduling with appropriate example.							
23.	Monthly sales of an ite	m are given below.						
	Calculate 3 months and	•	rage.					
	Months Demand							
	January		199					
	February		202	-				
	March		199					
	April		208					
	May		212					
	June		194	-				
	July 214							
	August 220							
	September 219 October 234							
	October 234							

	November				219			
	December				233			
24.								d:
	Year	1990	1991	1992	1993	1994	1995	
	Sales	200	220	210	230	250	320	
	Find the least square trend line using 1990 as base year and forecast the sales for the							st the sales for the
	year 1998	3.						
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25.	What are the basic objectives and functions of production planning and control?							
26.	Describe the factors to be analyzed during development of design of a product.							
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27.	Explain steps for market research for 'Maruti 800' car.							
28.	What are	What are the different elements of management information systems?						
20.	What are the different elements of management information systems?							
29.	Discuss words 'variables' and 'attribute' in reference to quality.							
20								
30.	Discuss different types of 'Values' and application area of value engineering.							
31.	What are the resource allocation and infrastructure facilities of entrepreneurship?							
22	Evaloin	stana fan m	onleat magain	anala fan 17	Mometi 900	7'		
32.	Explain steps for market research for 'Maruti 800' car.							
33.	What are	the funda	mental cor	ncepts of	following	?		
	1 7	ust in time						
		otal quality						_
34.	Explain	100% insp	ection and	sampling	inspectio	n with suit	able exam _l	ple.
35.	Discuss 1	normal dist	ribution c	urves and	its proper	ty.		
36.	Describe	value engi	ineering co	oncepts ar	nd its proc	edural step	os.	
37.	Different	tiate betwe	en market	ing conce	pts Vs sel	ling conce _l	ots.	
38.	What are	the differen	ent govern	ment ince	entives for	entreprene	eurs?	
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