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COER University END SEMESTER EXAMINATION EVEN SEM 2022-23

Course Na <u>Note: All quest</u> Q. No 1 (a) (b) (c) (d) (e) Q. No 2 (a) (b)	ame : MBA me : Production and Operation Management Semester : II Course Code : M tions are compulsory. No student is allowed to leave the examination hall before the completion of the time Attempt Any Four Parts. Each Question Carries 5 Marks. Describe production and operations management relate to other systems in the organization, such as marketing and finance? Extend the role of research and development in production function. Paraphrase the key factors affecting the production and operations management system? Discuss the impact of the pandemic on the management of production operations. Interpret the concepts and principles of Lean manufacturing.	BA203 e. CO CO 1 CO 1 CO 1 CO 1 CO 1 CO 1	BL 2 2 2 2
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(d) (e) Q. No 2 (a) (b)	Discuss the impact of the pandemic on the management of production operations. Interpret the concepts and principles of Lean manufacturing.	CO 1 CO 1	2
(e) Q. No 2 (a) (b)	Interpret the concepts and principles of Lean manufacturing.	CO 1	_
Q. No 2 (a) (b)	provide concepts and principles of Lean manufacturing.		2
Q. No 2 (a) (b)			
(a) (b)	Attempt Any Four Parts Each Question Carries 5 Marks	CO	BL
(b)	Relate the general steps involved in the stocking and distribution of material.	CO 2	3
	Interpret the procedure for purchasing in details	CO 2	3
(c)	Construct key factors to consider when selecting a product design and development	CO 2	3
.,	strategy		
(d)	Sketch the productivity variables. Explain them,	CO 2	3
(e)	What is robust design? Illustrate with an example.	CO 2	3
Q. No 3	Attempt Any Four Parts. Each Question Carries 5 Marks.	CO	BL
(a)	Explain the eight pillars of total productivity measurement.	CO 3	4,5
	studied. Standards specify that the mean contents must be 16 units, and from past experience it is known that the standard deviation of the can contents is 0.1 units. A random sample of nine cans is to be used and the control limits on the control chart set with a probability of 0.0025 on one side of the centre line. If the true mean of the process has shifted from 16 to 16.1 units, what is the probability that control chart will not detect this shift? The decision rule for detection is any sample mean falling outside		
(-)	the control limits.	CO 3	4,5
(c) (d)	Recommend preventive maintenance be used to improve production efficiency?	CO 3	4,5
	What are some common challenges faced in maintenance management?	CO 3	4.5
(e)	Analyze Scheduling. Write down key considerations for effective scheduling.	000	1,0
	the Two Party Each Question Carries 10 Marks	CO	BL
Q. No 4	Attempt Any Two Parts, Each Question Carries To Harks.	CO 4	3
(a)	List any five pioneers in Quanty Management. Describe oneny their control and the		
(1)	What is lot sizing? List 4 lot sizing rules Briefly describe each of them.	CO 4	3
(D)	a Lot for-lot (1.41.)		
	b Periodic order quantity (POO)		
	c. Economic order quantity(EOO)		
	d Multiple order quantity (MOO)		
(c)	Illustrate the goal of material management in production and operation system.	CO 4	3,5
0. No 5	Attempt Any Two Parts. Each Question Carries 10 Marks.	CO	BL
(a)	Point out total quality management (TQM) and why is it important?	CO 5	4,5
(h)	Solve the production planning problem stated above using Transportation Tableau.	CO 5	4,5
(c)	Categorize the principles and management of supply chain management.	CO 5	4,5