UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
Online End Semester Examination, Dec 2020

Course: Operations & Materials Management   **Semester:** III
Program: BBA (Auto Marketing/Financial Analysis & Services)   **Time:** 180 Minutes
Course Code: LSCM 2001   **Max. Marks:** 100

Section-A		Answer all <u>six</u> questions. Each question carries <u>five</u> marks [30 Marks]	COs
Q1		Production processes combine and transforms various resources into value added product/services. [True or False]	CO1
	A	True	
	B	False	
Q2		_____ does the job-design in a firm. [Select right answer.]	CO1
	A	H R Manager	
	B	Operations Manager	
	C	Both	
Q3		A good layout looks for effective utilization of _____. [Select the right answer.]	CO1
	A	men	
	B	equipment	
	C	space	
	D	All	
Q4		SQC stands for _____. [Fill in the blank.]	CO1
Q5		_____ are not treated as a waste. [Select right answer.]	CO1
	A	Obsolete items	
	B	Surplus items	
	C	Scrap materials	
	D	None of these	
Q6		ROL stands for _____. [Fill in the blank.]	CO1

Section-B	Answer all <u>five</u> questions. Each question carries <u>ten</u> marks [50 Marks]	COs
Q7	Write about the ten right practices of *Materials Purchasing*.	CO1
Q8	Write a short note on *Bill of Materials.*	CO1
Q9	List and explain the evolutions of *Operations Management* in terms of the concepts and contributors.	CO2
Q10	Mention three measures of competitiveness other than productivity. If an apparel manufacturing company, in a particular week engaged 420 hours at an hourly wage rate of ₹70 to produce 300 pairs of garments, of which 60 were found in B-grade, sold at ₹800 in the factory outlet. Remaining were sold in the distribution channel at ₹1000. What is the labor productivity of the company?	CO2
Q11	Compare the impact of *Controllable Factors* and *Uncontrollable Factors* on selection of a manufacturing plant location.	CO3
Section-C	Answer the given question, which carries <u>twenty</u> marks. [20 Marks]	COs
Q12	What are different types of layouts and explain with examples their suitability for different types of products or processes.	CO4
	OR	
	Describe the inventory related costs considered for calculating the total inventory cost. Therefore, derive the equation of EOQ = $\sqrt{(2\ D.\ Co/\ Ch)}$.	CO4