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Enrolment No:



Semester: 3

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, May 2023

Course: Operations Management

Program: MBA Aviation/Oil and Gas Management

Time : 03 hrs. **Course Code: LSCM 7001** Max. Marks: 100

Instructions: Students may use their own calculator for section D.

SECTION A

Define the terms in one or two sentences 10Qx2M=20Marks

S. No.		Marks	CO
Q 1	JIT	2	CO1
Q2	Lean Management	2	CO1
Q3	ERP	2	CO1
Q4	Manufacturing resources planning	2	CO1
Q5	Pipeline inventory	2	CO1
Q6	Long-term capacity plans deal with: A) investments in new facilities. B) workforce size. C) inventories. D) overtime budgets.	2	CO1
Q7	When a process fails to satisfy a customer: A) it is quite often the customer's fault. B) it is considered a defect C) it is time to reengineer the process. D) it is usually half the customer's fault and half the company's fault.	2	CO1
Q8	Which of these statements about processes is NOT true? A) A process can have its own set of objectives. B) A process can involve work flow that cuts across departmental boundaries. C) A process can require resources from several departments. D) A process can exist without customers.	2	CO1
Q9	Professor Willis noted that the popularity of his office hours mysteriously rose in the middle and the end of each semester, falling off to virtually no visitors throughout the rest of the year. The demand pattern at work is: A) cyclical. B) random. C) seasonal. D) trend.	2	CO1

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Q10			pressure to incre	ase inventories?		
	A) inventory ho	_			2	CO1
	B) ordering cost C) storage and I				2	CO1
	D) taxes and ins					
	, ,		SECTION	В	l l	
		Answer the below	w question in sh	ort 4Qx5M= 20 Marks		
Q 11	_					
Q 12					5	CO2
Q 13	Discuss about a	ny three types of Ir	nventory Control	1?	5	CO2
Q 14	Discuss the need for Lean management and the philosophy behind the same.				÷. 5	CO3
	•		SECTION- 3Qx10M=30 M		-	1
Q 15	Analyse and ex	plain MAD and MA			10	002
<u> </u>	·				10	CO3
Q16	Explain in detai	l about various qua	ality managemen	it tools.	10	CO5
Q17	Discuss about various factors affecting facility location?					CO5
	•		SECTION-		1	•
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		below question a		roper steps 2Qx15M=.	ou Marks	
Q18	Explain about a	ny four plant layou	tt models?		15	CO4
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