Name:

Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES End Semester Examination, May 2022

Course: Operations Management Program: MBA Oil and Gas Mgt/Power Mgt/Aviation Mgt Course Code: LSCM 7001 Semester: 2 Time : 03 hrs. Max. Marks: 100

Instructions:

Instruc	SECTION A 10Qx2M=20Marks		
S. No.		Marks	CO
Q 1	ЛТ	2	CO1
Q 2	Lean Management	2	CO1
Q 3	ERP	2	CO1
Q 4	MAD	2	CO1
Q 5	Manufacturing resources planning	2	CO1
Q 6	Safety Stock	2	CO1
Q 7		2	CO1
Q 8		2	CO1
Q 9		2	CO1
Q 10		2	CO1
	SECTION B		
Q 11	4Qx5M= 20 Marks Define Operations Strategy and its need in present scenario.		COA
`		5	CO2
Q 12	What is TQM and its relevance in evolving as market leader.	5	CO2
Q 13	Discuss about any three types of Inventory?	5	CO2
Q 14	Discuss the need for Lean management and the philosophy behind the same.	5	CO2
	SECTION-C 3Qx10M=30 Marks		
Q 15	Analyse and explain MAD and MAPE in forecasting.	10	CO3
Q 16	Explain in detail about various quality management tools.	10	CO3
Q 17	Discuss about various factors affecting facility location?	10	CO3
	SECTION-D 2Qx15M= 30 Marks		I

18	Explain various plant location models.					CO4
19	Delhi. The tabl census tract, al- Customers will facility when the the new facility tracts C and F.	e given below show ong with the project travel from the sev ney need health-care are at (5.5, 4.5) and Details of seven cer	vs the coordinate ted populations, ren census tract c e. Two locations d (7, 2), which a nsus tract centres	being considered for re the centres of census s, co-ordinate distances		
	population as t	population for each he loads and use rec of its total load-dist	ctilinear distance		15	604
	population as t	he loads and use rec	ctilinear distance		15	CO4
	population as the better in terms	he loads and use rec of its total load-dist	etilinear distance ance score?	, which location is	15	C04
	population as the better in terms	he loads and use rec of its total load-dist <i>Census tract</i>	(<i>x</i> , <i>y</i>)	, which location is Population (I)	15	CO4
	population as the better in terms	he loads and use rec of its total load-dist Census tract A	etilinear distance ance score? (x, y) $(2.5, 4.5)$, which location is Population (l) 2	15	CO4
	population as the better in terms	he loads and use rec of its total load-dist Census tract A	etilinear distancecance score? (x, y) $(2.5, 4.5)$ $(2.5, 2.5)$, which location is Population (l) 2 5	15	CO4
	population as the better in terms	he loads and use rec of its total load-dist Census tract A B C	(x, y) $(2.5, 4.5)$ $(2.5, 2.5)$ $(5.5, 4.5)$, which location is Population (l) 2 5 10	15	CO4
	population as the better in terms	he loads and use rec of its total load-dist Census tract A B C D	(x, y) $(2.5, 4.5)$ $(2.5, 2.5)$ $(5, 2)$, which location is Population (l) 2 5 10 7	15	CO4