	Sanjay Ghodawat University, Kolhapur Established as State Private University under Govt. of Maharashtra. Act No XL, 2017	2020-21 EXM/P/09/01

Year and Program:2020-21	**School of Technology**	**Department of Civil Engineering**
Course Code: CET446	**Course Title: Transportation Planning**	**Semester – VII**
Day and Date: **Wednesday,02.06.2021**	**End Semester Examination (ESE)**	**Time:** **Max Marks:50**

Instructions: 1. All questions are compulsory.
2. Assume suitable data wherever necessary and mention it clearly.
3. Figures to the right indicate full marks.

			Marks	Bloom's Level	CO
Q.1		**Solve any Two**			
	a)	Discuss the role of transportation in society.	08	L_2	CO1
	b)	Explain System approach to transport planning using a flow chart	08	L_2	CO2
	c)	Explain the following terms. i. Problem definitionii. Goals & Objectivesiii. Constraintsiv. Inventory	08	L_2	CO2
Q.2		**Solve any Two**			
	a)	Discuss following terms i. Zoningii. Cordon lineiii. Expansion factoriv. Sampling techniques	08	L_3	CO3
	b)	Describe the methods of collecting travel pattern data.	08	L_3	CO3
	c)	What is sampling? Discuss Various types of sampling	08	L_3	CO4
Q.3		**Solve any Two**			
	a)	List various assignment techniques and explain any two methods	09	L_3	CO5
	b)	Explain all or nothing assignment technique	09	L_3	CO5
	c)	Explain the use of Lowry Derivative models as a land use transportationModel.	09	L_3	CO6

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