Sanjay Ghodawat University, Kolhapur

2020-21

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

EXM/P/09/00

Year and Program: TY B.Tech	**School of Technology**	**Department: Civil Engineering**
Course Code: CET326R1	**Course Title: Road Safety Management**	**Semester : VI**
Day and Date: Thursday 10/06/2021	**End Semester Examination**	**Time : 2 Hrs.** **Max Marks : 50**

Instructions: 1) All Questions are compulsory.

Q.1		**Answer/Solve the following (any Two)**	**Marks**	**Bloom's Level**	**CO**
	a)	Define road accidents. Explain the main causes of road accidents.	8	L2	CO1
	b)	Explain in detail how the structure of traffic streams accounts in working out measures for ensuring traffic safety.	8	L3	CO2
	c)	Explain statistical methods of analysis of accident data in detail.	8	L2	CO1
Q.2		**Answer/Solve the following (any two)**			
	a)	Define speed diagram. Explain with neat sketch the procedure of plotting speed diagram for working out Reconstruction Projects.	8	L2	CO2
	b)	Explain various measures for ensuring the safety of pedestrians.	8	L3	CO3
	c)	With neat sketch, explain Road Signs and Road Lighting.	8	L2	CO4
Q.3		**Answer/Solve the following (any two)**			
	a)	What is the importance of Engineering, Education, Enforcement and Environmental measures for improving road safety?	9	L3	CO4
	b)	Write a note on 'Road Safety Audit'.	9	L2	CO3
	c)	Explain various management and safety practices involved during road works.	9	L3	CO4

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