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)	Enlist statistical methods of analysis of accident data. Explain any two in detail.	8	L2	CO1
	b)	Define accidents. What are the main causes of road accidents?	8	L3	CO1
	c)	How does psychological features of drivers account when substantiating road design standards?	8	L2	CO1
Q.2		**Answer/Solve the following (any two)**			
	a)	Explain with neat sketch how redesigning of intersections can be used as a means of improving road safety.	8	L3	CO2
	b)	Write a note on i)Road Lighting ii)Road Markings	8	L2	CO4
	c)	Explain several measures for ensuring safety of pedestrians.	8	L3	CO3
Q.3		**Answer/Solve the following (any two)**			
	a)	What is Road Safety Audit? Explain its procedure and tools required to carry out Road Safety Audit.	9	L2	CO3
	b)	Explain the importance of Engineering, Education, Enforcement and Environmental measures for improving road safety?	9	L3	CO4
	c)	Explain various safety practices involved during road works.	9	L3	CO4

*****