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: T.Y B.Tech	**School of Technology**	**Department: Civil Engineering**
Course Code: CET302	**Course Title: Infrastructure Engineering**	**Semester : V**
Day : Wednesday **Date :16/12/2020**	**End Semester Examination**	**Time : 2 Hrs.** **Max Marks : 50**

Instructions: 1) All Questions are compulsory.
2) Assume Suitable Data Wherever Necessary.

		Marks	Bloom's Level	CO
Q.1	**Answer the following (Any Two)**–			
	a) Explain permanent way with Labeled Diagram.	8	L_2	CO1
	b) Explain the tools and plants used for Construction and Maintenance of Railway Track.	8	L_2	CO1
	c) For the Track of BG and for one kilometer Stretch Determine the Total Quantities of Different Materials Required for the Railway Track.	8	L_3	CO1
Q.2	**Answer the following (Any Two)**–			
	a) Explain various factors considered for site selection of Bridge.	8	L_2	CO2
	b) Explain the various IRC loads Considered in construction of a Bridge.	8	L_2	CO2
	c) Explain the various factors considered for site selection of Airport.	8	L_2	CO3
Q.3	**Answer the following (Any two)** –			
	a) Explain are Tunnel Shafts? Explain in Detail with a Neat Line Diagram	9	L_2	CO4
	b) Explain the Construction of a Lighthouse of Harbour with Labeled Diagram	9	L_2	CO4
	c) Explain the Factors to be Considered for the Site Selection Process for Dock and harbor.	9	L_2	CO4

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