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**Tatyasaheb Kore Institute of Engineering & Technology, Warananagar
(An Autonomous Institute)**

F.Y. B. Tech (Sem -I), In Semester Examination –II, Octo.2023

BASIC CIVIL ENGINEERING

Day and Date: Friday, 27/October/ 2023

Marks:30

Time :9:15 am to 10:15 am

**Instructions: i) Use of non programmable calculator is allowed.
ii) Figures to the right indicate full marks.**

Q.1	Attempt any Three from the following questions.	Unit No	CO	
	a) Explain flexible pavement.	3	1	5
	b) Differentiate flexible and rigid pavement.	3	1	5
	c) Explain rail gauge.	3	1	5
	d) Explain water supply scheme.	3	1	5
Q.2	Attempt any Three from the following questions.			
	a) Explain branches of civil engineering	4	1,2	5
	b) What is the role of civil engineer in various branches?	4	1,2	5
	c) Enlist the principal of building. explain any one.	4	1,2	5
	d) Following reading taken with dumpy level and leveling staff And readins are 0.455,0.755,1.350, 2.360,3.330,0.455,0.785,1.950 ,2.230. Bench mark taken on first reading 100m.calaculate RL by HI method.	4	1,2	5