Roll No	
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3. Mitochondria

5. cell wall

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

F.Y. B. Tech (Semester - I), In Semester Examination -I, September 2023

ENGINEERING CHEMISTRY

Day and Date: Monday, 25 September 2023 Course Code: FY102

Time: 9:15 am to 10:15 am Marks: 30

Instructions: i) Use of only non programmable calculator is allowed.

ii) Figures to the right indicate full marks.

Q.1	Attempt any 3 from the following questions.						Unit No	CO	M	
	a)	What is acid significance.	idity? Give determination of acidity and its				1	CO1	5	
	b)	_	Explain ion exchange method of desalination with neat and labeled diagram.					CO1	5	
	c)	•	fine green chemistry. Give any two principles of green emistry and it's any two applications.					CO1	5	
	d)	given water	sample having	fc	ollowing imp	tal hardness of urities and write of given water 17.00 ppm 51.00 ppm 100.00 ppm 65.00 ppm 45.50 ppm	1	CO1	5	
Q.2	Att	Attempt any 3 from the following questions.								
	a)	a) What is amino acid? Give its classification with any four properties.						CO2	5	
	b)	,						CO2	5	
	c)							CO2	5	
	d)	Give the functions of following cell organelle					2	CO2	5	
		1.Ribosome 2. Endoplasmic reticulum								

4. Chloroplast