Reg.No: | | | | | | | |

SNS College of Technology, Coimbatore-35.
(Autonomous)
B.E/B.Tech- Internal Assessment -I
Academic Year 2023-2024(ODD)
Seventh Semester
(Common to All Branch)
19GET277- BIOLOGY FOR ENGINEERS

A

Time: $1^{1/2}$ Hours **Maximum Marks: 50**

Answer All Questions

PART - A (5 x 2 = 10 Marks)					
				CO	**Blooms**
1.		Define Cell Theory.		CO 1	Rem
2.		Explain Prokaryotic cell.		CO 1	Und
3.		Illustrate Living Organisms.		CO 1	Rem
4.		List out the functions to live.		CO 2	Rem
5.		Explain Plant System.		CO 2	Und
PART – B (2 x 13 = 26 Marks)					
6.	(a)	Explain briefly Classification of Cell Theory & its types with neat sketch	13	CO 1	Und
		(or)			
	(b)	Illustrate the hierarchical system of human life.	13	CO 1	Und
7.	(a)	Summarize the concept of plant system with neat diagram.	13	CO 2	Und
		(or)			
	(b)	Identify the photosynthesis of plant life with practical example.	13	CO 2	App
8.	(a)	Explain the functions of carbohydrates-lipids-protein-acids.	14	CO 1	Und
		(or)			
	(b)	Develop the Plant growth-nutrition-nitrogen fixation in plant system.	14	CO 2	App

CO – Course Outcome, Und- Understanding, Rem- Remembering, App-Apply, Ana-Analyze, Eva-Evaluate

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B

Time: $1^{1/2}$ Hours **Maximum Marks: 50**

Answer All Questions

PART - A (5 x 2 = 10 Marks)					
				CO	**Blooms**
1.		State the necessity of Biology for Engineers.		CO1	Rem
2.		Distinguish between prokaryotic and eukaryotic cell.		CO1	Und
3.		List the sources of Carbohydrates.		CO1	Rem
4.		What is Biodiversity?		CO2	Und
5.		Define Osteoblasts.		CO2	Rem
PART – B (2 x 13 = 26 Marks)					
6.	(a)	Explain in detail about characteristics of living organisms with relevant diagrams.	13	CO1	Und
		(or)			
	(b)	Illustrate the functions of Genes and Chromosomes with relevant figures.	13	CO1	App
7.	(a)	Discuss about various types of deficiencies and its causes in the Plant system.	13	CO2	Ana
		(or)			
	(b)	Describe in detail about bone system in Animals with appropriate diagrams.	13	CO2	Und
8.	(a)	Illustrate the Biomolecules and its classification in detail.	14	CO1	App
		(or)			
	(b)	Interpret the Macro and micronutrients and fertilizer applications in Plant system.	14	CO2	App

CO – Course Outcome, Und- Understanding, Rem- Remembering, App-Apply, Ana-Analyze, Eva-Evaluate