



R.V. COLLEGE OF ENGINEERING
Department of Biotechnology

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1RV24BT011

Program	BIOTECHNOLOGY			
Course Title	Cell and Molecular Biology			
Course Code	BT233AI			
CONTINUOUS INTERNAL EVALUATION – Quiz-I				
Sem	III		November 2025	
Max Marks	10		Max Duration	20Min

Q.No	QUESTIONS	Marks	BTL	CO
1.	Distinguish between prokaryotic ribosome and eukaryotic ribosome.	1	1	1
2.	The approximate number of protein coding genes present in human gamete is	1	1	1
3.	What are the stages of cell signaling process?	1	1	1
4.	Draw the structure of Mitochondrion.	2	1	1
5.	Name the DNA polymerase enzyme which is responsible for synthesis, proof reading, repair and 5'→3', 3'→5' exonuclease activity.	1	1	1
6.	Differentiate between Bacteria and Bacteriophage.	2	1	1
7.	Distinguish between photophosphorylation and oxidative phosphorylation.	2	1	1