



**R.V. COLLEGE OF ENGINEERING<sup>®</sup>**  
**Department of Biotechnology**

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IRV24BT011

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

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