

**Paper: BI-511 Basic Concepts in Biology**

**CO1** Students will be able to classify different types of living cells and biomolecules and their functions

**T1** Differentiate between Plant cell and animal cell with the help of a labelled diagram

**A1** Write functions of DNA, Proteins, Carbohydrates and differentiate between their roles

Roll Nos														
Questions	T1	A1	Total Mark Total		20 Percentage	Score (3,2,1)	Target >=							
Marks		<b>10</b>	<b>10</b>											
	25201		9	9	<b>10</b>	90	3 Y	<table border="1"> <thead> <tr> <th>%age</th> <th>score</th> </tr> </thead> <tbody> <tr> <td>&gt;=60</td> <td>3</td> </tr> <tr> <td>50-59.9</td> <td>2</td> </tr> </tbody> </table>	%age	score	>=60	3	50-59.9	2
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>=60	3													
50-59.9	2													
	25202	7	8	15	<b>20</b>	75	3 Y							
	25203	8	8	16	<b>20</b>	80	3 Y							
					<b>Average</b>	<b>3</b>								

**CO2** Students will be able to sketch various organelles

**CA1** Write Labelled Diagrams of Eukaryotic cell, Prokaryotic cells, Mitochondria, Chloroplast and Golgi Apparatus

		Total marks of attempted questions		Total Marks	Percentage	Score (3,2,1)	Target
Roll No	Class activity						
Marks		10		10	10		
	25201	10		9	10	90	3 Y
	25202	8		9	10	90	3 Y
	25203	9		9	10	90	3 Y
					<b>Average</b>	<b>3</b>	

**CO3** Students will be able to demonstrate how a biological process is invoked in response to some stimuli?

**A1** Each student is require to search from internet search which type of chemical/physical/biological signals triggers a biological process and submit it as a labelled diagram

		Total marks of attempted questions		Total Marks	Percentage	Score (3,2,1)	Target
Roll No	Assignment1						
Marks		10			10		
	25201	9		9	10	90	3 Y
	25202	8		6	10	60	3 Y
	25203	9		9	10	90	3 Y
					<b>Average</b>	<b>3</b>	