

**School of Science and Engineering**

Class Test 2; Year 2021; Semester: Fall

Course: BIO 3105; Title: Biology for Engineers, Section: A

Class Serial:     ; Name:                        ; ID:



1. Give a pictorial view of the differences between endoplasmic reticulum and Golgi bodies.

6 C03

2. Do you think DNA, or RNA should be your genetic material? Give logic behind your answer.

4 CO3

3. What codons can you have after fixing Uracil in the first place and Cytosine and Uracil in the second place? 3 CO1

4. How do you think a DNA of some meters can be fitted inside a cell of nm scale? 3 CO1

5. Which organelle works in the immune system? Mention it's characteristics.

4 CO3

