

# United International University

## School of Science and Engineering

Class Test 2; Year 2022; Semester: Spring

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

Class Serial:      ; Name:      ; ID:



Do you think RNA can be your genetic material? Give proper reason behind your answer.

5 CO3

2. When you have amino acids to be forms according to genetic code, and you have Uracil in the first place, how many codes can be there if Adenine or Guanine is in the third place? Write all of these codes.

3

CO1

3. What are the characteristics of genetic codes?

3

CO1



4. Give the pictorial view of the differences between DNA and RNA.

5. How can you fit a DNA of some meter in a tiny cell of micro meter scale?

4

CO1