United International **University**

School of Science and Engineering



Class Test 3; Year 2021; Semester: Fall

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

Class Serial: ; Name: ; ID:

1. How would you design a PCR reaction including polarities of your DNA?

6 CO3

necessary air supply			

2. Show pictorial view of the pH balance in a bioreactor. Also show how you will maintain

4 CO3

3.	Mention the enzymes needed to prepare a DNA sample before pushing it through gel electrophoresis.	2	CO1
4		2	601
4.	Name the goods you would like to protect against biopiracy that is native to Bangladesh (Naming 5 would be sufficient).	2	CO1

5.	Do you think you can design and contribute in a project in the area of pharmacogenomics from your own background?	6	CO3