

United International University

School of Science and Engineering

Class Test 4; Year 2021; Semester: Summer



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

Upload instruction: RENAME pdf file as "Bio3105_A_ID"

- 1 Show pictorial view of the pH balance in a bioreactor. Also show how you will maintain necessary air supply. 6
- 2 Do you think you have scope to give your input as a computer engineer in personalized drug design? Give details. 6
- 3
 - (a) Mention the enzymes needed to prepare a DNA sample before pushing it through gel electrophoresis. 4+4
 - (b) Name the goods you would like to protect against biopiracy that is native to Bangladesh (Naming 5 would be sufficient).