

# United International University

## School of Science and Engineering

Class Test 2; Year 2021; Semester: Summer



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

Upload instruction: RENAME pdf file as "Bio3105\_B\_ID"

- 1 Sketch the differences, as well as similarities between Lysosomes and Vacuoles. 6
- 2 Do you think transportation is possible through Mitochondrion membrane? Give details. 6
- 3
  - (a) Mention the functions of the substance you think prevents the cell from shrinking. 4
  - (b) Name the functions of the organelle you think necessary for cell division. 4 4+4