

# United International University

## School of Science and Engineering

Class Test 3; Year 2021; Semester: Summer



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

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

- 1 Show pictorial view of the phases where you might have the probabilities of tumor, or in some cases cancer. [Hint: Cell cycle for a day would be good to show this.] 6
- 2 Do you think some genetic disorder can be carried through all the gametes from Meiosis? Give details in a sample diagram. 6
- 3 (a) Mention the relations between aneuploidy and down syndrome. 4+4  
(b) Mention the relations between aneuploidy and polyploidy.