

# United International University

## School of Science and Engineering



Class Test 4; Year 2021; Semester: Fall

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

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

- 1 Sketch the flow diagram(s) to show the resistance (if any) and resilience of a land based ecosystem after a forest fire. 6
- 2 Suppose you have a relative of age 68 and weight 80 kg with a height of 180 cm. This person has type 1 diabetes. Do you think that person should bring a change in diet? What change (if any) in the food habit should be applied to this relative of yours? 6
- 3
  - (a) Mention the consequence if we give up DDT in the environment.
  - (b) Name the natural external factors of a land based ecosystem with a brief focus on only one example (in detail).3+5

Common instruction

Top sheet: you should address yourself first with Course, Class serial, Name, ID, CT4

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