

United International University

School of Science and Engineering

Class Test 5; 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 flow diagram(s) to show the resistance and resilience of a land based ecosystem after deforestation. 6
- 2 What should be the change in energy flow for a typical ecosystem where there are 3 levels of consumers? Show with the help of energy-time graph. 6
- 3
 - (a) Mention the names of substances we give up in the environment which can be harmful for us. 3+5
 - (b) Name the natural external factors of a land based ecosystem with a brief focus on one example.