

1. Plant life forms can reflect local and regional climates, for examples, lianas and epiphytes. These plants are usually understory plants. They may not be dominant but important (keystone) species to sustain the health of an ecosystem. Based upon the knowledge that you have, please describe these terms:

- Understory (5%):
- Lianas (5%):
- Epiphytes (5%):
- Keystone species (5%):

In addition, please tell me where you can commonly found lianas and epiphytes (5%)?

2. Two major components of biogeochemistry are carbon and nitrogen cycles. Please provide two graphical illustrations of the cycles of the terrestrial environment (10%).

In addition, please explain the following related terms:

- Net primary production (3%):
- Light use efficiency (3%):
- Turnover (3%):
- Litterfall (3%):
- Nitrification (3%):

3. 請解釋以下詞彙，並舉例說明之：

- Third Nature (5%)
- Gentrification (5%)
- Global Sense of Place (5%)
- Nation-State (5%)
- Symbolic Landscape (5%)

4. 請分析全球化 (globalization) 與在地化 (localization) 兩者之間的關係，並舉台灣的實際案例來論證 (25%)。

試題隨卷繳回