

NALANDA COLLEGE - COLOMBO 10

Unit Test

Grade 09

Science

Unit 13 – Artificial environment and green concept

Part I

❖ **Underline the most corrected answer.**

01. Not an example for the artificial environment.

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|--------------------------------|-------------------------|
| (1). Agricultural environments | (3). Urban environments |
| (2). Industrial environments | (4). Forests |

02. Which of the following place does not adopt to the green concept?

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|---|--|
| (1). German parliamentary building | (3). White house of America |
| (2). Beijing national sports complex in China | (4). K ₂ housing project in Australia |

03. Not a green concept centered cultivation method.

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|-----------------------------|---------------------------------|
| (1). Mixed crop cultivation | (3). Using chemical fertilizers |
| (2). Crop rotation | (4). Using organic fertilizers |

04. Not an advantage that can be obtained by sustainable management of agricultural lands.

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|---------------------------------|-----------------------------|
| (1). Improving productivity | (3). Raising economic value |
| (2). Increasing production risk | (4). Minimizing disasters |

05. Step match with the green concept.

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|-------------------------------------|---|
| (1). Decrease the food mile | (3). Reducing releasing green house gases |
| (2). Increase the carbon foot print | (4). None of the above |

Part II

01. The earth covered with green colour in the past but now an artificial environment is created with many buildings.



Concept Green

- i. What is indicated from this symbol?
- ii. What is known as organic farming?
- iii. Define post-harvest technology.
- iv. Mention 03 traditional agricultural practices.

v. Compare organic and inorganic fertilizers from 02 points.

vi. State 02 advantages of mixed crop cultivation.

02. i. Name 03 places in the world where green concept can be seen.
ii. Mention 03 eco friendly concepts applied in there.
iii. State 05 concepts related with post-harvest technology.
iv. List down 02 disadvantages due to poor post-harvest technology.
v. State 03 basic principles can be seen in green building.
03. i. What is known as global warming?
ii. Name 02 green house gases.
iii. List down 02 harmful effects due to global warming.
iv. Mention 02 activities based on green transportation.
v. What is known as drip irrigation system? Mention 01 advantage of it.

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