

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Unihubgh.com

Time left 1:43:49

Question 1

Answer saved

Marked out of
1.00

Flag
question

radiative forcing is defined as the change in net irradiance at the tropopause, produced by a specified cause.

Climate Change and Carbon Balancing (RN 273)

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RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:43:40

Question 2

Answer saved

Marked out of
1.00

Flag
question

The greenhouse gas generated by the decomposition of waste is

- a. nitrous oxide
- b. carbon dioxide
- c. methane
- d. CFCs

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:43:15

Question **3**

Answer saved

Marked out of
1.00

Flag
question

The extraction rate for a derived product is used to calculate its annual demand .

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General

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Time left 1:43:07

Question 4

Answer saved

Marked out of
1.00

Flag
question

Product carbon footprint does not cover emissions created by disposing of any waste, and the impact of recycling.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

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My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:43:02

Question 5

Answer saved

Marked out of
1.00

Flag
question

Inventory analysis is the first step in LCA.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

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My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:42:55

Question 6

Answer saved

Marked out of
1.00

Flag
question

The total impact of an organization on the environment, measured in emissions of GHGs, is known as its carbon footprint.

- a. False
- b. True

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

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My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:42:43

Question 7

Answer saved

Marked out of
1.00

Flag
question

The greenhouse effect maintains Earth's surface at an average of about 0°F.

- a. False
- b. True

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

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My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:42:37

Question 8

Answer saved

Marked out of
1.00

Flag
question

Global hectares are needed because different land types have different productivity.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

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RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:42:30

Question 9

Answer saved

Marked out of
1.00

Flag
question

Livestock management for more efficient digestion of feeds would save money and reduce emissions.

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End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:42:23

Question 10

Answer saved

Marked out of
1.00

Flag
question

Season is_____ in equatorial region.

- a. predominant
- b. insignificant
- c. dominant
- d. always changing

[Clear my choice](#)

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General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:42:17

Question 11

Answer saved

Marked out of
1.00

Flag
question

Mitigation options for SF6 focus on better handling and gas recovery techniques.

- a. False
- b. True

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

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General

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Time left 1:42:12

Question 12

Answer saved

Marked out of
1.00

Flag
question

reafforestation

is replanting trees on land that had been previously cleared

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General

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Time left 1:42:06

Question 13

Answer saved

Marked out of
1.00

Flag
question

Carbon offset helps to combat global climate change as well as caring for local communities.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

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My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:41:57

Question 14

Answer saved

Marked out of
1.00

Flag
question

Carbon footprints can be calculated for events.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

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General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:41:51

Question 15

Answer saved

Marked out of
1.00

Flag
question

At a global level, biocapacity deficit can be compensated through trade defining overshoot.

- a. False
- b. True

[Clear my choice](#)

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Dashboard

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RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:41:36

Question 16

Answer saved

Marked out of
1.00

Flag
question

The terms life cycle refers to all the activities in the course of the product life span.

- a. False
- b. True

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

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General

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Time left 1:41:28

Question 17

Answer saved

Marked out of
1.00

Flag
question

Distributed generation application is where energy production is far from the source of energy demand. False

- a. False
- b. True

[Clear my choice](#)

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General

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Time left 1:41:21

Question 18

Answer saved

Marked out of
1.00

Flag
question

A carbon tax is a tax levied on the carbon content of fuels.

- a. True
- b. False

[Clear my choice](#)

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General

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Time left 1:41:13

Question 19

Answer saved

Marked out of
1.00

Flag
question

Phytoplankton is the base of several aquatic food webs.

- a. False
- b. True

[Clear my choice](#)

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RN 273

General

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Time left 1:41:08

Question 20

Answer saved

Marked out of
1.00

Flag
question

Advanced climate modelled projections could play a key role to help guide investment decisions, enhance productivity and increase security across many different sectors.

- a. False
- b. True

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

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Time left 1:41:02

Question 21

Answer saved

Marked out of
1.00

Flag
question

Changes in the waste sector include developing technologies for landfill
recovery

methane

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General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:40:57

Question **22**

Answer saved

Marked out of
1.00

Flag
question

bioproductivity refers to areas of land and water that support significant photosynthetic activity and accumulation of biomass

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General

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Time left 1:40:53

Question 23

Answer saved

Marked out of
1.00

Flag
question

Pre-combustion capture involves chemical reactions which are used to extract CO₂ from the fuel after it is burned.

- a. True
- b. False

[Clear my choice](#)

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Dashboard

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General

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Time left 1:40:48

Question **24**

Answer saved

Marked out of
1.00

Flag
question

Where winds blow parallel to the coastline they usually cause rainfall. False

- a. False
- b. True

[Clear my choice](#)

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Dashboard

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RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:40:42

Question 25

Answer saved

Marked out of
1.00

Flag
question

The use of fibre optics and sensors are technological advancement that have enabled the achievement of energy efficient lighting.

- a. True
- b. False

[Clear my choice](#)

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RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:40:39

Question **26**

Answer saved

Marked out of
1.00

Flag
question

Biocapacity for cropland is not equal to the cropland Footprint of production.

- a. False
- b. True

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:40:34

Question 27

Answer saved

Marked out of
1.00

Flag
question

The upper limit of the troposphere is called

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Time left 1:40:30

Question **28**

Answer saved

Marked out of
1.00

Flag
question

Radiative forcing is defined as the change in net irradiance at the stratopause, produced by a specified cause.

- a. False
- b. True

[Clear my choice](#)

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Time left 1:40:27

Question **29**

Answer saved

Marked out of
1.00

Flag
question

The ecological footprint cannot be used for comparing the sustainability of resource use among different populations.

- a. True
- b. False

[Clear my choice](#)

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General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:40:23

Question **30**

Answer saved

Marked out of
1.00

Flag
question

OTEC works in cold climates.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

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RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:40:15

Question **31**

Answer saved

Marked out of
1.00

Flag
question

An LCA method consists of three components.

- a. False
- b. True

[Clear my choice](#)

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General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:40:11

Question **32**

Answer saved

Marked out of
1.00

Flag
question

The Earth's internal heat is maintained by the breakdown of radioactive elements.

- a. False
- b. True

[Clear my choice](#)

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General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:40:08

Question **33**

Answer saved

Marked out of
1.00

Flag
question

The LCIA should be able to show or evaluate which input or process is the main cause of the environmental impacts.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

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General

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Time left 1:40:04

Question **34**

Answer saved

Marked out of
1.00

Flag
question

Natural adaptation for plants consists mostly of range shifting.

- a. True
- b. False

[Clear my choice](#)

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General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:39:59

Question **35**

Answer saved

Marked out of
1.00

Flag
question

Biosequestration is the process of removing CO₂ from the atmosphere through biological processes facilitated by humans.

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Time left 1:39:55

Question **36**

Answer saved

Marked out of
1.00

Flag
question

There are seven basic options for geological storage of CO₂.

- a. True
- b. False

[Clear my choice](#)

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Time left 1:39:52

Question **37**

Answer saved

Marked out of
1.00

Flag
question

carbon market is used to describe the various dealings, activities, and interactions usually business-to-business within the carbon industry.

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Time left 1:39:48

Question **38**

Answer saved

Marked out of
1.00

Flag
question

In contrast to mitigation, adaptation needs time to take effect due to the lags in the climate system.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:39:44

Question **39**

Answer saved

Marked out of
1.00

Flag
question

Ecological footprint measures how much land in hectares is available for a human population to produce the resources it consumes and absorbs the corresponding wastes.

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General

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Time left 1:39:41

Question **40**

Answer saved

Marked out of
1.00

Flag
question

About 90% of SF6 emissions are related to the mining sector.

- a. True
- b. False

[Clear my choice](#)

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Dashboard

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RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:39:38

Question 41

Answer saved

Marked out of
1.00

Flag
question

earth's crust

is the solid portion of the earth on which we live

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Time left 1:39:34

Question 42

Answer saved

Marked out of
1.00

Flag
question

Do we have high voltage alternating current (HVAC)?

- a. True
- b. False

[Clear my choice](#)

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General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:39:29

Question **43**

Answer saved

Marked out of
1.00

Flag
question

Annual demand for manufactured products is converted into primary product equivalents through the use of .

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Time left 1:39:20

Question **44**

Answer saved

Marked out of
1.00

Flag
question

LCA is a quantitative approach that assesses a product's impact on the environment throughout its life.

- a. True
- b. False

[Clear my choice](#)

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General

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Time left 1:39:13

Question 45

Answer saved

Marked out of
1.00

Flag
question

Water vapour do not acts as a feedback factor in global warming.

- a. True
- b. False

[Clear my choice](#)

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General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:39:09

Question **46**

Answer saved

Marked out of
1.00

Flag
question

Eutrophication is the excessive richness of nutrients in a lake or other body of water, frequently due to run-off from the land.

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General

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Time left 1:39:03

Question 47

Answer saved

Marked out of
1.00

Flag
question

In the stratosphere temperature decreases slowly with the increase in the height.

- a. True
- b. False

[Clear my choice](#)

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General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:38:58

Question **48**

Answer saved

Marked out of
1.00

Flag
question

Carbon footprint can be converted to environmental impact assessment or ecological footprint.

- a. False
- b. True

[Clear my choice](#)

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General

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Time left 1:38:53

Question 49

Answer saved

Marked out of
1.00

Flag
question

Which of the following activities contributes the most to carbon emissions globally?

- a. Forestry
- b. Transport
- c. Agriculture
- d. Energy supply

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

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My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:38:48

Question **50**

Answer saved

Marked out of
1.00

Flag
question

Unusual weather conditions cannot affect a person's health, as well as their mental functioning.

- a. True
- b. False

[Clear my choice](#)

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General

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Time left 1:38:43

Question 51

Answer saved

Marked out of
1.00

Flag
question

CH₄ is more effective at absorbing infrared radiation than N₂O.

- a. False
- b. True

[Clear my choice](#)

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General

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Time left 1:38:38

Question **52**

Answer saved

Marked out of
1.00

Flag
question

The ozone layer absorbs % of the sun's ultraviolet radiation

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Time left 1:38:34

Question **53**

Answer saved

Marked out of
1.00

Flag
question

Storage of CO₂ in mineral carbonates involves chemically reacting CO₂ with calcium oxide to form

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Time left 1:38:27

Question **54**

Answer saved

Marked out of
1.00

Flag
question

Climate forcing refers to_____.

- a. the forces that affect the weather
- b. processes that disrupt Earth's heat balance forcing the climate to change
- c. the forces that act on the climate
- d. none of the above

[Clear my choice](#)

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Time left 1:38:23

Question **55**

Answer saved

Marked out of
1.00

Flag
question

Higher the latitude higher is the temperature.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

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End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:07:11

Question **56**

Answer saved

Marked out of
1.00

Flag
question

solar heating uses mechanical and electrical equipment to enhance the conversion of solar energy to heat and electric power.

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Time left 1:38:15

Question **57**

Answer saved

Marked out of
1.00

Flag
question

A product carbon footprint helps to better understand and manage your supply chains.

- a. False
- b. True

[Clear my choice](#)

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Time left 1:38:09

Question **58**

Answer saved

Marked out of
1.00

Flag
question

Agroforestry is not an example of a surface altering strategy.

- a. True
- b. False

[Clear my choice](#)

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Time left 1:38:03

Question **58**

Answer saved

Marked out of
1.00

Flag
question

Agroforestry is not an example of a surface altering strategy.

- a. True
- b. False

[Clear my choice](#)

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Time left 1:37:58

Question **59**

Answer saved

Marked out of
1.00

Flag
question

Life cycle Impact Assessment characterizes and assesses either quantitatively or qualitatively the environmental burdens identified in the LCI.

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Time left 1:37:53

Question **60**

Answer saved

Marked out of
1.00

Flag
question

Sustainability is the ability to meet humanity's current needs without compromising the ability of future generations to meet their needs.

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Time left 1:37:48

Question **61**

Answer saved

Marked out of
1.00

Flag
question

Life-cycle costs of geothermal energy makes profitable compare to conventional fuels.

- a. False
- b. True

[Clear my choice](#)

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Time left 1:37:44

Question 62

Answer saved

Marked out of
1.00

Flag
question

Projects like building a wind farm, supporting truck stop electrification projects, planting trees or preserving forests are very common carbon credit projects.

- a. False
- b. True

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

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End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:37:35

Question **63**

Answer saved

Marked out of
1.00

Flag
question

Nuclear fusion involves joining together the nuclei of isotopes of hydrogen

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Time left 1:37:31

Question **64**

Answer saved

Marked out of
1.00

Flag
question

Weighting in LCA determines the relative importance of the two impacts.

- a. False
- b. True

[Clear my choice](#)

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Time left 1:37:27

Question **65**

Answer saved

Marked out of
1.00

Flag
question

Precipitation is the most important benefit of weather and climate.

- a. True
- b. False

[Clear my choice](#)

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Time left 1:37:23

Question 66

Answer saved

Marked out of
1.00

Flag
question

The two ocean technologies that offer the most potential are wave and osmotic energy.

- a. False
- b. True

[Clear my choice](#)

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Time left 1:37:19

Question **67**

Answer saved

Marked out of
1.00

Flag
question

Smoky soot reflects incoming sunlight, while other aerosols, such as dust particles, absorb it.

- a. False
- b. True

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:37:15

Question 68

Answer saved

Marked out of
1.00

Flag
question

Emission factors should be used to convert units of energy and fuel into carbon dioxide equivalents.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:37:12

Question 69

Answer saved

Marked out of
1.00

Flag
question

In order to keep the atmosphere's energy budget in balance, the warmed earth also emits heat energy back to space as visible light.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 0:57:44

Question 70

Answer saved

Marked out of
1.00

Flag
question

passive

solar heating uses the sun's energy to heat a building.

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:37:03

Question 71

Answer saved

Marked out of
1.00

Flag
question

Climate represents

- a. none of the above
- b. the long-term average and its statistical variation for a given region.
- c. weather averaged over a year.
- d. the measure of variations in the amount of precipitation.

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:36:57

Question 71

Answer saved

Marked out of
1.00

Flag
question

Climate represents

- a. none of the above
- b. the long-term average and its statistical variation for a given region.
- c. weather averaged over a year.
- d. the measure of variations in the amount of precipitation.

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:36:54

Question **72**

Answer saved

Marked out of
1.00

Flag
question

In LCIA the midpoint method is usually preferred to the endpoint method.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:36:50

Question **73**

Answer saved

Marked out of
1.00

Flag
question

Natural adaptation for plants consists mostly of range shifting.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:36:46

Question **74**

Answer saved

Marked out of
1.00

Flag
question

The Ecological Footprint is usually measured in national hectares.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:36:42

Question 75

Answer saved

Marked out of
1.00

Flag
question

Life Cycle Inventory identifies and quantifies the relevant inputs and outputs for a given product or system.

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:36:38

Question **76**

Answer saved

Marked out of
1.00

Flag
question

is planting trees on land that was either not naturally forested or has not been forested for a period of at least 50 years.

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:36:33

Question 77

Answer saved

Marked out of
1.00

Flag
question

CH₄ is more effective at absorbing infrared radiation than N₂O.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:36:29

Question **78**

Answer saved

Marked out of
1.00

Flag
question

energy is an energy source that taps the heat contained within the Earth.

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:36:24

Question 79

Answer saved

Marked out of
1.00

Flag
question

Creating incentives for recycling is a mitigating strategy that can be used in the forest sector.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:36:16

Question **80**

Answer saved

Marked out of
1.00

Flag
question

Greenhouse gases do not allow sunlight into the earth's surface but rather impede the escape of heat into space.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:36:11

Question **81**

Answer saved

Marked out of
1.00

Flag
question

Nuclear involves splitting the nuclei of heavy metals.

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:36:08

Question **82**

Answer saved

Marked out of
1.00

Flag
question

Mitigation measures for land use change is to ensure sequestering CO₂ from the atmosphere through deforestation, agroforestry and land rehabilitation.

- a. False
- b. True

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:36:04

Question **83**

Answer saved

Marked out of
1.00

Flag
question

Hydrogen is an energy source but not an energy carrier.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:36:00

Question **84**

Answer saved

Marked out of
1.00

Flag
question

Modal shift can be used to reduce transport sector emissions.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:35:57

Question **85**

Answer saved

Marked out of
1.00

Flag
question

Deforestation in the tropics produce almost a third of global CO₂ emissions.

- a. False
- b. True

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:35:52

Question **86**

Answer saved

Marked out of
1.00

Flag
question

Mitigation strategies for the energy supply sector include increased energy efficiency and fuel substitution.

- a. False
- b. True

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:35:48

Question **87**

Not yet
answered

Marked out of
1.00

Flag
question

is a policy measure aimed at reducing greenhouse gas emissions in an economically efficient manner.

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:35:45

Question **88**

Answer saved

Marked out of
1.00

Flag
question

The CO₂e of a greenhouse gas is derived by multiplying the number of tonnes of the gas emitted by its associated global warming potential.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:35:38

Question **89**

Not yet
answered

Marked out of
1.00

Flag
question

Biologically mediated cycles within the larger carbon cycle are

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:35:36

Question **90**

Answer saved

Marked out of
1.00

Flag
question

Carbon credit is a certificate or permit that represents the legal right to emit one tonne of carbon dioxide or equivalent greenhouse gas.

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:35:32

Question 91

Answer saved

Marked out of
1.00

Flag
question

The two main types of emissions trading systems are: cap-and-trade and

baseline and credit

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:35:29

Question 92

Answer saved

Marked out of
1.00

Flag
question

A solar collector is a device used to absorb solar energy.

- a. False
- b. True

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:35:25

Question 93

Answer saved

Marked out of
1.00

Flag
question

Emission factors should be used to convert units of energy and fuel into carbon dioxide equivalents.

- a. False
- b. True

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:35:22

Question **94**

Answer saved

Marked out of
1.00

Flag
question

Adaptation measures will not reduce climate change, but they can reduce vulnerability to the impacts of climate change.

- a. False
- b. True

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:35:18

Question 95

Answer saved

Marked out of
1.00

Flag
question

Interpretation of the result evaluates the significance of the potential environmental impacts associated with the inventory assessment results.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:35:04

Question **96**

Answer saved

Marked out of
1.00

Flag
question

Carbon footprint is expressed in grams of CO₂e per one kilogram of product.

- a. False
- b. True

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:34:59

Question 97

Answer saved

Marked out of
1.00

Flag
question

The LCI creates an inventory of input and output data for the system.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:34:54

Question **98**

Answer saved

Marked out of
1.00

Flag
question

is a term commonly used for an organisation or product having net zero emissions.

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:34:48

Question 99

Answer saved

Marked out of
1.00

Flag
question

Carbon dioxide is the most abundant GHG.

- a. True
- b. False

[Clear my choice](#)

Climate Change and Carbon Balancing (RN 273)

Dashboard

My courses

RN 273

General

End of First Semester Examination, March 2021: Climate Change and Carbon Balancing (RN 273)

Time left 1:34:41

Question 100

Answer saved

Marked out of
1.00

Flag
question

Adaptation measures will not reduce climate change, but they can reduce vulnerability to the impacts of climate change.

- a. True
- b. False

[Clear my choice](#)