

Quiz Summary

Section Filter ▾

Student Analysis

Item Analysis

Average Score

92%

High Score

100%

Low Score

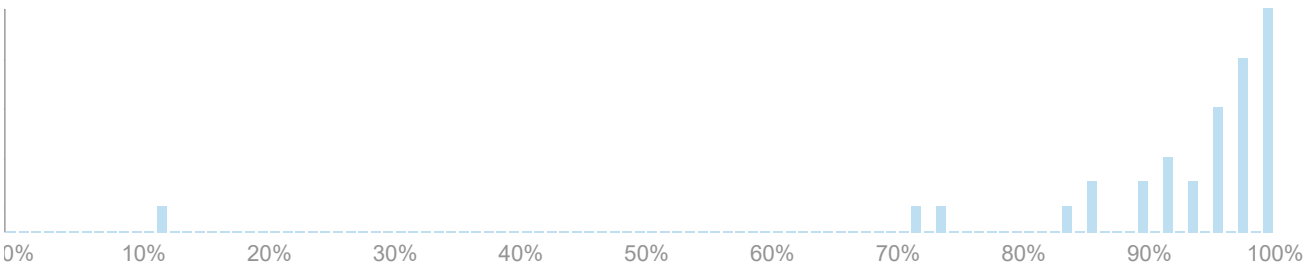
12%

Standard Deviation

7.76

Average Time

33:24



Question Breakdown

Attempts: 34 out of 34

A greenhouse ecosystem is quite complex but resulting in a pleasant interior space that processes waste in an ecologically friendly way.

-0

Discrimination Index ?

True 34 respondents 100 %
False 0 %



100%
answered
correctly

Attempts: 34 out of 34

A portion of the water flows out around the top rim of the toilet bowl washing the sides of the bowl.

-0

Discrimination
Index (?)

True 34 respondents 100 %
False 0 %

✓100%
answered
correctly

Attempts: 34 out of 34

-0

A toilet bowl is designed to clean itself with each flush. Discrimination
Index (?)

True 34 respondents 100 %
False 0 %

✓100%
answered
correctly

Attempts: 34 out of 34

Acoustical tiles may be recycled into new acoustical tiles.



-0Discrimination
Index (?)**True** 34 respondents 100 %

False 0 %

✓ 100%
answered
correctly

Attempts: 34 out of 34

Graywater is drinkable water without needing any treatment.

-0Discrimination
Index (?)

True 0 %

False 34 respondents 100 %100%
✓ answered
correctly

Attempts: 34 out of 34

Greenhouse ecosystems are secondary sewage treatment systems.

+0.18Discrimination
Index (?)**True** 31 respondents 91 %

False 3 respondents 9 %

✓ 91%
answered
correctly

Attempts: 33 out of 34

+0.01

In hotels, how many lavatories are required?

Discrimination
Index ?

Two per guestroom		0 %
Designer's choice		0 %
One per guestroom	32 respondents	94 %
none of the aboe	1 respondent	3 %
No Answer	1 respondent	3 %



94%
answered
correctly

Attempts: 33 out of 34

Interior designers CANNOT have a significant impact on how buildings affect the larger environment.

-0Discrimination
Index ?

True		0 %
False	33 respondents	97 %
No Answer	1 respondent	3 %

97%
✓ answered
correctly

Attempts: 33 out of 34

Interior designers are NOT responsible for ensuring that the solid wastes generated during construction are handled in a safe and environmentally friendly way.

-0

Discrimination
Index (?)

True		0 %	97%
False	33 respondents	97 %	✓ answered correctly
No Answer	1 respondent	3 %	

Attempts: 33 out of 34

Many bars and restaurants install urinals along with required number of toilets.

-0

Discrimination
Index (?)

True	33 respondents	97 %	✓ 97% answered correctly
False		0 %	
No Answer	1 respondent	3 %	

Attempts: 33 out of 34 **-0**

Potable water Discrimination
Index (?)

only describes water stored in pots	0 %
unsafe to drink	0 %

drinkable water

33 respondents

97 %

All of the above

0 %

No Answer

1 respondent

3 %

97%

answered
correctlyAttempts: 33 out of 34 **+0.77****Urinals**Discrimination
Index

reduce contamination

1 respondent

3 %

are not required by code in every
type of occupancy

0 %

require only 18 inches of width along
wall

1 respondent

3 %

all of the above

31 respondents

91 %

No Answer

1 respondent

3 %

91%

answered
correctly

Attempts: 33 out of 34

-0**Construction and demolition waste may include**Discrimination
Index **all of the above**

33 respondents

97 %

wood

0 %

drywall		0 %
concrete		0 %
No Answer	1 respondent	3 %

97%
answered
correctly

Attempts: 33 out of 34

-0

Construction and demolition waste may include: Discrimination Index ?

carpet		0 %	
cardboard		0 %	
all of the above	33 respondents	97 %	✓
plastics		0 %	
No Answer	1 respondent	3 %	

97%
answered
correctly

Attempts: 33 out of 34 +0.06

Trash compactors Discrimination Index ?

Take up space		0 %	
May pose noise problems	1 respondent	3 %	
All of the above	32 respondents	94 %	✓
May pose odor problems		0 %	

No Answer

1 respondent

3 %

94%

answered
correctly

Attempts: 33 out of 34

+0.41Dark Graywater comes from Discrimination
Index (?)

Kitchen sinks

2 respondents

6 %

All of the above

31 respondents

91 %

Washing diapers

0 %

Dishwashers

0 %

No Answer

1 respondent

3 %

91%

answered
correctly

Attempts: 33 out of 34

+0.51HVAC systems Discrimination
Index (?)**All of the above**

32 respondents

94 %

Provide acceptable indoor air quality

1 respondent

3 %

Provide thermal comfort

0 %

invention of components went hand-
in-hand with the Industrial Revolution

0 %

No Answer

1 respondent

3 %

94%
answered
correctly

Attempts: 33 out of 34

+0.52

HVAC systems are usually designed by

Discrimination
Index (?)

structural engineers	2 respondents	6 %
electrical engineers		0 %
electricians		0 %
mechanical engineers	31 respondents	91 %
No Answer	1 respondent	3 %



91%
answered
correctly

Attempts: 33 out of 34

-0

ASHRAE

Discrimination
Index (?)

Association & Society for Health, Recreation and Aerospace Engineering		0 %
American Society for Health, Recreation & Airflow Engineers		0 %
All of the above		0 %
American Society for Heating, Refrigeration & Air Conditioning	33 respondents	97 %



Engineering

No Answer

1 respondent

3 %

97%

answered
correctlyAttempts: 33 out of 34 **+0.38****Hydronics**Discrimination
Index (?)**All of the above**

28 respondents

82 %

is one type of heating

1 respondent

3 %

uses piping to distribute a heated
fluid

3 respondents

9 %

uses radiators to transfer heat to air

1 respondent

3 %

No Answer

1 respondent

3 %

82%

answered
correctlyAttempts: 33 out of 34 **+0.56****Central heating**Discrimination
Index (?)

uses a central location to heat

0 %

may be used for private houses

0 %

may be used in public buildings

1 respondent

3 %

all of the above

32 respondents

94 %

No Answer

1 respondent

3 %

94%

answered
correctlyAttempts: 33 out of 34 **+0.23**

Ducts

Discrimination
Index (?)

all of the above

2 respondents

6 %

are large pipes which move air

31 respondents

91 %

cannot be exposed

0 %

cannot be concealed

0 %

No Answer

1 respondent

3 %

91%

answered
correctlyAttempts: 33 out of 34 **+0.56**

Diffusers

Discrimination
Index (?)**All of the above**

31 respondents

91 %

apertures or openings from ductwork

0 %

remove air from room

0 %

push air into a room

2 respondents

6 %

No Answer

1 respondent

3 %

91%
answered
correctly

Attempts: 33 out of 34 **+0.12**

Diffusers

Discrimination
Index (?)

can be round	1 respondent	3 %
All of the above	31 respondents	91 %
can be square	1 respondent	3 %
can be different shapes		0 %
can be linear or slot		0 %
No Answer	1 respondent	3 %



91%
answered
correctly

Attempts: 33 out of 34 **+0.56**

Ventilation

Discrimination
Index (?)

All of the above	32 respondents	94 %
controls temperature		0 %
process of replacing air in a space	1 respondent	3 %
may be accomplished with a fan		0 %
No Answer	1 respondent	3 %



94%
answered
correctly

Attempts: 33 out of 34

-0

In kitchens and bathrooms, ventilation

Discrimination
Index 

controls humidity		0 %
All of the above	33 respondents	97 %
may be accomplished with a fan or exhaust vent		0 %
controls odors		0 %
No Answer	1 respondent	3 %

97%
answered
correctly

Attempts: 33 out of 34

+0.27

Natural ventilation

Discrimination
Index 

uses a mechanical system		0 %
None of the above	27 respondents	79 %
uses a fan	2 respondents	6 %
All of the above	4 respondents	12 %
No Answer	1 respondent	3 %

79%
answered
correctly

Attempts: 33 out of 34 **+0.11**

Air conditioning

Discrimination
Index (?)

provides cooling	1 respondent	3 %	
All of the above	32 respondents	94 %	✓
removes heat		0 %	
provides ventilation		0 %	
provides humidity control		0 %	
No Answer	1 respondent	3 %	

94%
answered
correctly

Attempts: 33 out of 34 **+0.6**

Refrigerant Cycle

Discrimination
Index (?)

starts in a frozen state	1 respondent	3 %	
starts in a solid state	1 respondent	3 %	
all of the above	3 respondents	9 %	
starts in gaseous state	28 respondents	82 %	✓
No Answer	1 respondent	3 %	

82%
answered
correctly

Attempts: 33 out of 34 **-0**

Plumbing Discrimination
Index

supports drinking water systems		0 %
consists of pipes, tubing and plumbing fixtures		0 %
supports the drainage of waste		0 %
all of the above	33 respondents	97 %
No Answer	1 respondent	3 %

97%
answered
correctly

Attempts: 33 out of 34 **+0.67**

Plumbing originated during Discrimination
Index

ancient Greek civilizations		0 %
ancient Chinese civilizations		0 %
ancient Persian civilizations		0 %
ancient Indian civilizations	2 respondents	6 %
ancient Roman civilizations	3 respondents	9 %
All of the above	28 respondents	82 %
No Answer		3 %

1 respondent

82%
answered
correctly

Attempts: 33 out of 34

+0.59

Lead pipes for potable water Discrimination
Index ?

are recommended for residential buildings today	2 respondents	6 %
were a cause of lead poisoning	30 respondents	88 %
are recommended for commercial buildings today		0 %
none of the above	1 respondent	3 %
No Answer	1 respondent	3 %

88%
answered
correctly

Attempts: 33 out of 34

-0

Plumbing fixtures include Discrimination
Index ?

water closets		0 %
bidets		0 %
All of the above	33 respondents	97 %
sink		0 %

urinals0 %

No Answer1 respondent3 %

97%
answered
correctly

Attempts: 33 out of 34 -0

Radiation

Discrimination
Index ?

includes infrared	0 %	✓
the sun's heat	0 %	
All of the above	30 respondents88 %	
internal energy that sets molecules vibrating produces electromagnetic waves	3 respondents9 %	
No Answer	1 respondent3 %	

0%
answered
correctly

Attempts: 33 out of 34 -0

Heated floors

Discrimination
Index ?

with furniture may block the heat	0 %	
All of the above	33 respondents97 %	✓
repairs may be messy and expensive	0 %	

can create hot feet

0 %

No Answer

1 respondent

3 %

97%

answered
correctly

Attempts: 33 out of 34

+0.77

To provide coolness

Discrimination
Index (?)

All of the above

31 respondents

91 %

use materials in interior that heat up
and cool down slowly

2 respondents

6 %

use highly reflective surface coating
on external surfaces

0 %

open the building to allow heat to
radiate back to cool night sky

0 %

No Answer

1 respondent

3 %

91%

answered
correctly

Attempts: 33 out of 34

+0.47

Convection

Discrimination
Index (?)

an example is hot air from a room's
heating system

0 %

0 %

can heat objects

2 respondents

6 %

All of the above

30 respondents

88 %

an example is a hot bath

1 respondent

3 %

No Answer

1 respondent

3 %

88%

answered

correctly



Attempts: 33 out of 34

+0.38

Relative humidity (RH)

Discrimination

Index (?)

is the ratio of the amount of water vapor present in the air to the maximum amount that air could hold at the same time

27 respondents

79 %

All of the above

6 respondents

18 %

the lower the RH of a space, the lower the air temperature should be

0 %

water has very low thermal capacity

0 %

No Answer

1 respondent

3 %

79%

answered

correctly



Attempts: 33 out of 34

+0.53

Thermal mass

Discrimination

Index (?)

materials with both high thermal mass and low thermal capacity heat quickly and release heat gradually	2 respondents	6 %
all of the above	8 respondents	24 %
example is a thick concrete wall	22 respondents	65 %
is the amount of cold that a material can hold	1 respondent	3 %
No Answer	1 respondent	3 %

65%
answered
correctly

Attempts: 33 out of 34

Thermal conductivity and materials can create sensations in people

+0.26

Discrimination
Index (?)

Knowledge of these sensations is very useful to interior designers	1 respondent	3 %
All of the above	32 respondents	94 %
Interior designers can specify materials that suggest coolness regardless of their actual temperatures		0 %
Interior designers can specify materials that suggest warmth regardless of actual temperatures		0 %
No Answer	1 respondent	3 %

94%
answered
correctly

Attempts: 33 out of 34 **+0.06**

Insulation Discrimination
Index

All of the above	32 respondents	94 %	
may include rock wool batt		0 %	
may include fiberglass batts	1 respondent	3 %	
may include vermiculite		0 %	
No Answer	1 respondent	3 %	

94%
answered
correctly

Attempts: 33 out of 34 **+0.59**

Insulation Discrimination
Index

is a primary defense against heat loss transfer from building envelope	3 respondents	9 %	
in walls is important because they comprise a large area		0 %	
R values can range from 1.05 to 20		0 %	
All of the above	30 respondents	88 %	
No Answer	1 respondent	3 %	

88%
answered
correctly

Attempts: 33 out of 34

+0.48

Thermal resistance of Discrimination
Index 

metals are very low	2 respondents	6 %
masonry are moderately low	2 respondents	6 %
All of the above	28 respondents	82 %
wood are moderately high	1 respondent	3 %
No Answer	1 respondent	3 %



82%
answered
correctly

Attempts: 33 out of 34

+0.38

Lavatories Discrimination
Index 

should be made of hard, smooth and scrubbable materials	3 respondents	9 %
in hotel guestrooms, the code requirement per guestroom is one		0 %
are sinks in which one washes their hands		0 %
All of the above	30 respondents	88 %
No Answer	1 respondent	3 %



88%
answered
correctly

Attempts: 33 out of 34

+0.11

Regarding vent pipes, Discrimination
Index 

every trap must have a vent		0 %
All of the above	32 respondents	94 %
help to keep sewer gases out of buildings		0 %
their locations must be planned	1 respondent	3 %
No Answer	1 respondent	3 %

94%
answered
correctly

Attempts: 33 out of 34

When we are able to give off heat and moisture at a rate that sustains a stable normal body temperature we achieve

+0.26

Discrimination
Index 

condensation		0 %
thermal comfort	28 respondents	82 %

imbalance between body and environment

0 %

All of the above

5 respondents

15 %

No Answer

1 respondent

3 %

82%

answered

correctly

Attempts: 33 out of 34

-0

Interior designers

Discrimination
Index ?

None of the above

0 %

**can design spaces that
create thermal comfort of users**

33 respondents

97 %

CANNOT influence users'
perceptions of spaces

0 %

CANNOT influence thermal comfort

0 %

No Answer

1 respondent

3 %

97%

answered

correctly

Attempts: 32 out of 34

Several inspections by a local building inspector are required during the construction process.

+0.12Discrimination
Index (?)

True	31 respondents	91 %	✓91% answered correctly
False	1 respondent	3 %	
No Answer	2 respondents	6 %	

Attempts: 33 out of 34

Some manufacturers currently sponsor programs that take back used carpet.

-0.04Discrimination
Index (?)

True	32 respondents	94 %	✓94% answered correctly
False	1 respondent	3 %	
No Answer	1 respondent	3 %	

Attempts: 33 out of 34

+0.56

Water is categorized by its purity.

Discrimination
Index (?)

True	32 respondents	94 %	✓94% answered correctly
False	1 respondent	3 %	
No Answer	1 respondent	3 %	

