

Quiz1 9am Results for Angel Thomas

[du/courses/96603/quizzes/245598/submissions/2599349/log\)](https://canvas.okstate.edu/courses/96603/quizzes/245598/submissions/2599349/log)

Score for this quiz: **50** out of 50

Submitted Feb 9 at 9:44am

This attempt took 45 minutes.

Question 1

1 / 1 pts

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

Correct!

☒ True

☐ False

Additional Comments:

Question 2

1 / 1 pts

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

Correct!

☒ True

☐ False

Additional Comments:

Question 3

1 / 1 pts

A toilet bowl is designed to clean itself with each flush.

Correct!

☒ True

☐ False

Additional Comments:

Question 4

1 / 1 pts

Acoustical tiles may be recycled into new acoustical tiles.

Correct!

☒ True

☐ False

Additional Comments:

Question 5

1 / 1 pts

Graywater is drinkable water without needing any treatment.

☐ True

☒ False

Correct!

Additional Comments:

Question 6

1 / 1 pts

Greenhouse ecosystems are secondary sewage treatment systems.

☒ True

☐ False

Correct!

Additional Comments:

Question 7

1 / 1 pts

In hotels, how many lavatories are required?

☐ Two per guestroom

☐ none of the aboe

☐ Designer's choice

☒ One per guestroom

Correct!

Additional Comments:

Question 8

1 / 1 pts

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

☐ True

Correct!☒ False

Additional Comments:

Question 9

1 / 1 pts

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

☐ True**Correct!**☒ False

Additional Comments:

Question 10

1 / 1 pts

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

Correct!☒ True

☐ False

Additional Comments:

Question 11

1 / 1 pts

Potable water

Correct!

- ☒ drinkable water
- ☐ only describes water stored in pots
- ☐ All of the above
- ☐ unsafe to drink

Additional Comments:

Question 12

1 / 1 pts

Urinals

Correct!

- ☐ require only 18 inches of width along wall
- ☐ are not required by code in every type of occupancy
- ☒ all of the above
- ☐ reduce contamination

Additional Comments:

Question 13

1 / 1 pts

Construction and demolition waste may include

Correct!

- ☒ all of the above
- ☐ drywall
- ☐ wood
- ☐ concrete

Additional Comments:

Question 14

1 / 1 pts

Construction and demolition waste may include:

- ☐ carpet
- ☒ all of the above
- ☐ cardboard
- ☐ plastics

Additional Comments:

Correct!**Question 15**

1 / 1 pts

Trash compactors

- ☐ Take up space
- ☐ May pose noise problems
- ☒ All of the above
- ☐ May pose odor problems

Correct!

Additional Comments:

Question 16

1 / 1 pts

Dark Graywater comes from

☐ Washing diapers

☐ Dishwashers

☒ All of the above

☐ Kitchen sinks

Correct!

Additional Comments:

Question 17

1 / 1 pts

HVAC systems

☐ Provide thermal comfort

Correct!☒ All of the above☐

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

☐ Provide acceptable indoor air quality

Additional Comments:

Question 18

1 / 1 pts

HVAC systems are usually designed by

☐ electricians☒ mechanical engineers☐ electrical engineers☐ structural engineers

Additional Comments:

Correct!**Question 19**

1 / 1 pts

ASHRAE

☐ American Society for Health, Recreation & Airflow Engineers

☐
Association & Society for Health, Recreation and Aerospace Engineering

☒
American Society for Heating, Refrigeration & Air Conditioning Engineering

☐ All of the above

Additional Comments:

Correct!

Question 20

1 / 1 pts

Hydronics

☒ All of the above

☐ uses radiators to transfer heat to air

☐ is one type of heating

☐ uses piping to distribute a heated fluid

Correct!

Additional Comments:

Question 21

1 / 1 pts

Central heating

- ☐ may be used for private houses
- ☒ all of the above
- ☐ may be used in public buildings
- ☐ uses a central location to heat

Additional Comments:

Correct!

Question 22

1 / 1 pts

Ducts

- ☐ all of the above

Correct!

- ☐ cannot be exposed
- ☒ are large pipes which move air

☐ cannot be concealed

Additional Comments:

Question 23**1 / 1 pts****Diffusers**

- ☐ push air into a room
- ☒ All of the above
- ☐ apertures or openings from ductwork
- ☐ remove air from room

Correct!

Additional Comments:

Question 24**1 / 1 pts**

Diffusers

Correct!

- ☐ can be square
- ☐ can be linear or slot
- ☐ can be different shapes
- ☒ All of the above
- ☐ can be round

Additional Comments:

Question 25

1 / 1 pts

Ventilation

- ☐ process of replacing air in a space
- ☐ may be accomplished with a fan
- ☐ controls temperature
- ☒ All of the above

Correct!

Additional Comments:

Question 26

1 / 1 pts

In kitchens and bathrooms, ventilation

- ☐ controls humidity
- ☒ All of the above
- ☐ controls odors
- ☐ may be accomplished with a fan or exhaust vent

Additional Comments:

Correct!

Question 27

1 / 1 pts

Natural ventilation

- ☐ uses a fan

Correct!

- ☐ All of the above
- ☐ uses a mechanical system
- ☒ None of the above

Additional Comments:

Question 28

1 / 1 pts

Air conditioning

Correct!

- ☒ All of the above
- ☐ removes heat
- ☐ provides humidity control
- ☐ provides ventilation
- ☐ provides cooling

Additional Comments:

Question 29

1 / 1 pts

Refrigerant Cycle**Correct!**

- ☒ starts in gaseous state
- ☐ all of the above
- ☐ starts in a frozen state
- ☐ starts in a solid state

Additional Comments:

Question 30

1 / 1 pts

Plumbing**Correct!**

- ☐ supports the drainage of waste
- ☒ all of the above
- ☐ supports drinking water systems
- ☐ consists of pipes, tubing and plumbing fixtures

Additional Comments:

Question 31

1 / 1 pts

Plumbing originated during

- ☐ ancient Greek civilizations
- ☐ ancient Indian civilizations
- ☐ ancient Chinese civilizations
- ☒ All of the above
- ☐ ancient Roman civilizations
- ☐ ancient Persian civilizations

Correct!

Additional Comments:

Question 32

1 / 1 pts

Lead pipes for potable water

Correct!

☐ are recommended for commercial buildings today

☐ none of the above

☒ were a cause of lead poisoning

☐ are recommended for residential buildings today

Additional Comments:

Question 33**1 / 1 pts**

Plumbing fixtures include

☐ urinals

☐ water closets

☐ sink

☐ bidets

☒ All of the above

Additional Comments:

Correct!

Question 34

0 / 1 pts

Radiation

You Answered

☒ All of the above☐ the sun's heat☐ internal energy that sets molecules vibrating produces electromagnetic waves

Correct Answer

☐ includes infrared

Additional Comments:

Question 35

1 / 1 pts

Heated floors

☐ repairs may be messy and expensive☐ with furniture may block the heat☐ can create hot feet**Correct!**☒ All of the above

Additional Comments:

Question 36

1 / 1 pts

To provide coolness

- ☐ use materials in interior that heat up and cool down slowly
- ☐ open the building to allow heat to radiate back to cool night sky
- ☒ All of the above
- ☐ use highly reflective surface coating on external surfaces

Correct!

Additional Comments:

Question 37

1 / 1 pts

Convection

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

Correct!☐ an example is a hot bath☐ can heat objects☐☒ All of the above

Additional Comments:

Question 38

1 / 1 pts

Relative humidity (RH)

Correct!☒

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

☐ the lower the RH of a space, the lower the air temperature should be☐ All of the above☐ water has very low thermal capacity

Additional Comments:

Question 39

1 / 1 pts

Thermal mass

- ☐ materials with both high thermal mass and low thermal capacity heat quickly and release heat gradually
- ☐ all of the above
- ☒ example is a thick concrete wall
- ☐ is the amount of cold that a material can hold

Additional Comments:**Correct!****Question 40**

1 / 1 pts

Thermal conductivity and materials can create sensations in people

- ☐ Interior designers can specify materials that suggest coolness regardless of their actual temperatures
- ☐ Knowledge of these sensations is very useful to interior designers



Interior designers can specify materials that suggest warmth regardless of actual temperatures

Correct!



All of the above

Additional Comments:

Question 41

1 / 1 pts

Insulation



may include vermiculite



may include rock wool batt



All of the above



may include fiberglass batts

Correct!

Additional Comments:

Question 42

1 / 1 pts

Insulation

Correct!

- ☒ All of the above
- ☐ in walls is important because they comprise a large area
- ☐ is a primary defense against heat loss transfer from building envelope
- ☐ R values can range from 1.05 to 20

Additional Comments:

Question 43

1 / 1 pts

Thermal resistance of

- ☐ metals are very low
- ☒ All of the above
- ☐ masonry are moderately low
- ☐ wood are moderately high

Correct!

Additional Comments:

Question 44

1 / 1 pts

Lavatories

- ☐ are sinks in which one washes their hands
- ☒ All of the above
- ☐ should be made of hard, smooth and scrubbable materials
- ☐ in hotel guestrooms, the code requirement per guestroom is one

Additional Comments:

Correct!

Question 45

1 / 1 pts

Regarding vent pipes,

- ☐ their locations must be planned
- ☐ help to keep sewer gases out of buildings
- ☒ All of the above
- ☐ every trap must have a vent

Correct!

Additional Comments:

Question 46

1 / 1 pts

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

Correct!

- ☒ thermal comfort
- ☐ imbalance between body and environment
- ☐ condensation
- ☐ All of the above

Additional Comments:

Question 47

1 / 1 pts

Interior designers

Correct!

- ☒ can design spaces that create thermal comfort of users

- ☐ None of the above
- ☐ CANNOT influence thermal comfort
- ☐ CANNOT influence users' perceptions of spaces

Additional Comments:

Question 48

1 / 1 pts

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

Correct!

- ☒ True
- ☐ False

Additional Comments:

Question 49

1 / 1 pts

Some manufacturers currently sponsor programs that take back used carpet.

Correct!☒ True☐ False

Additional Comments:

Question 50

1 / 1 pts

Water is categorized by its purity.

Correct!☒ True☐ False

Additional Comments:

Fudge Points: 1

You can manually adjust the score by adding positive or negative points to this box.

Final Score: 50 out of 50

Update Scores