

Quiz1 9am Results for Abby Wilton

[du/courses/96603/quizzes/245598/submissions/2599341/log\)](https://canvas.okstate.edu/courses/96603/quizzes/245598/submissions/2599341/log)

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

Submitted Feb 9 at 9:29am

This attempt took 29 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?

Correct!

☒ One per guestroom

☐ Two per guestroom

☐ Designer's choice

☐ none of the aboe

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

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

Correct!

Additional Comments:

Question 12

1 / 1 pts

Urinals

Correct!

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

Additional Comments:

Question 13

1 / 1 pts

Construction and demolition waste may include

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

Correct!

Additional Comments:

Question 14

1 / 1 pts

Construction and demolition waste may include:

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

Additional Comments:

Correct!**Question 15**

1 / 1 pts

Trash compactors

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

Correct!

Additional Comments:

Question 16

1 / 1 pts

Dark Graywater comes from

- ☐ Dishwashers
- ☐ Washing diapers
- ☐ Kitchen sinks
- ☒ All of the above

Correct!

Additional Comments:

Question 17

1 / 1 pts

HVAC systems

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

Correct!

- ☐ Provide thermal comfort
- ☐ Provide acceptable indoor air quality
- ☒ All of the above

Additional Comments:

Question 18

1 / 1 pts

HVAC systems are usually designed by

- ☐ structural engineers
- ☐ electrical engineers
- ☒ mechanical engineers
- ☐ electricians

Correct!

Additional Comments:

Question 19

1 / 1 pts

ASHRAE

☐ All of the above

☐

Association & Society for Health, Recreation and Aerospace Engineering

☒

American Society for Heating, Refrigeration & Air Conditioning Engineering

☐

American Society for Health, Recreation & Airflow Engineers

Additional Comments:

Correct!

Question 20

1 / 1 pts

Hydronics

☐ is one type of heating

☐ uses radiators to transfer heat to air

☒ All of the above

☐ uses piping to distribute a heated fluid

Correct!

Additional Comments:

Question 21

1 / 1 pts

Central heating

Correct!

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

Additional Comments:

Question 22

1 / 1 pts

Ducts

- ☐ cannot be exposed

Correct!

- ☐ all of the above
- ☒ are large pipes which move air
- ☐ cannot be concealed

Additional Comments:

Question 23

1 / 1 pts

Diffusers

Correct!

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

Additional Comments:

Question 24

1 / 1 pts

Diffusers

Correct!

☐ can be different shapes

☒ All of the above

☐ can be square

☐ can be round

☐ can be linear or slot

Additional Comments:

Question 25

1 / 1 pts

Ventilation

☐ controls temperature

☐ may be accomplished with a fan

☒ All of the above

☐ process of replacing air in a space

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

- ☒ None of the above

Correct!

- ☐ uses a fan
- ☐ All of the above
- ☐ uses a mechanical system

Additional Comments:

Question 28

1 / 1 pts

Air conditioning

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

Additional Comments:

Correct!

Question 29

1 / 1 pts

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

Additional Comments:

Correct!**Question 30**

1 / 1 pts

Plumbing☒ all of the above☐ consists of pipes, tubing and plumbing fixtures☐ supports the drainage of waste☐ supports drinking water systems**Correct!**

Additional Comments:

Question 31

1 / 1 pts

Plumbing originated during

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

Correct!

Additional Comments:

Question 32

1 / 1 pts

Lead pipes for potable water

Correct!☐ are recommended for residential buildings today☐ none of the above☒ were a cause of lead poisoning☐ are recommended for commercial buildings today

Additional Comments:

Question 33

1 / 1 pts

Plumbing fixtures include

☐ water closets☐ urinals☐ bidets☐ sink☒ All of the above**Correct!**

Additional Comments:

Question 34

0 / 1 pts

Radiation

You Answered

☒ All of the above☐ the sun's heat

Correct Answer

☐ includes infrared☐ internal energy that sets molecules vibrating produces electromagnetic waves

Additional Comments:

Question 35

1 / 1 pts

Heated floors

Correct!

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

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

- ☒ All of the above

Correct!

- ☐ an example is a hot bath
- ☐ an example is hot air from a room's heating system
- ☐ can heat objects
- ☐

Additional Comments:

Question 38

1 / 1 pts

Relative humidity (RH)

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



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

- ☐ All of the above

Additional Comments:

Correct!

Question 39

1 / 1 pts

Thermal mass

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

Correct!

Additional Comments:

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

Correct!☒ All of the above☐ Knowledge of these sensations is very useful to interior designers

Additional Comments:

Question 41

1 / 1 pts

Insulation

☐ may include rock wool batt☐ may include fiberglass batts☐ may include vermiculite**Correct!**☒ All of the above

Additional Comments:

Question 42

1 / 1 pts

Insulation

Correct!

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

Additional Comments:

Question 43

1 / 1 pts

Thermal resistance of

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

Correct!

Additional Comments:

Question 44

1 / 1 pts

Lavatories

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

Additional Comments:

Correct!

Question 45

1 / 1 pts

Regarding vent pipes,

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

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

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

Correct!

Additional Comments:

Question 47

1 / 1 pts

Interior designers

- ☒ can design spaces that create thermal comfort of users

Correct!

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

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