

2012 UPC Chapters 2-6 Questions

RV 12.8.2014

PLEASE DO NOT BOOKMARK ANY ANYTIMECE WEBPAGES!

Our system will remember the last page you viewed when logging out and back in but please DO NOT exit out when taking a test. Your place will NOT be saved.

Please consider using the 2012 UPC Code Book.

How to take this non-illustrated course.

1. Download and Print the test questions.
2. Login to your account with your ID and password.
3. Viewing your status page, scroll down and click on "[Click here to start this course](#)".
4. Start viewing the code book. Refer to your printed test to find the correct answers. The questions track the code book.
5. As you find the answers, circle them on your printed copy.
6. At the end of each section, you'll enter the quiz which is the same as your printed test. Refer to your circled answers when actually answering the quiz on the web.
7. Upon passing, you will proceed to the next section. If failed to pass, you will be moved to the beginning of that section for more review.

➤ ***Mobile users*** – *Many current mobile devices are compatible with AnytimeCE and will probably work. If not, use a desktop or laptop computer to complete your course.*

Quiz 1

Question 1: An air break is _____.

- a device used to stop the motion of a pipe threading machine
- a device used to stop the motion on a 1 ton or larger service vehicle
- a break in the line for a DVW system
- a physical separation which may be a low inlet into the indirect waste receptor from the fixture, appliance, or device indirectly connected

Question 2: The correct reference for the above question is:

- 201.0
- 202.0
- 203.0
- 204.0

Question 3: An Area Drain _____.

- is a minimum of 2" ID
- must be made of ABS
- must be made of galvanized steel and be recessed 1/4" below grade
- is a receptor designed to collect surface water or storm water from an open area

Question 4: The correct reference for the above question is:

- 201.0
- 202.0
- 203.0
- 204.0

Question 5: An Aspirator is _____.

- the handheld faucet on a flexible supply line, located on the basin of a sink
- a device on the outlet of a water faucet to entrain air into potable water
- a device supplied with water under positive pressure which passes through an integral orifice causing a vacuum
- a positive displacement pump apparatus whose single purpose is to inject chemicals for swimming pools

Question 6: The correct reference for the above question is:

- 201.0
- 202.0
- 203.0
- 204.0

2012 UPC Chapters 2-6 Questions

RV 12.8.2014

Question 7: Backflow means _____.

- water running “uphill”
- the flow into the distributing pipes of a potable supply of water from any sources other than its intended source
- sewer water backing up into a basement during high runoff conditions
- hot water from a water tank heating up cold water lines

Question 8: The correct reference for the above question is:

- 201.0
- 202.0
- 203.0
- 204.0

Question 9: A battery of fixtures is _____.

- any group of two (2) or more similar, adjacent fixtures which discharge into a common horizontal waste or soil branch
- any group of three (3) or more similar, adjacent fixtures which discharge into a common horizontal waste or soil branch
- any group of four (4) or more similar, adjacent fixtures which discharge into a common horizontal waste or soil branch
- any group of five (5) or more similar, adjacent fixtures which discharge into a common horizontal waste or soil branch

Question 10: The correct reference for the above question is:

- 201.0
- 202.0
- 203.0
- 204.0

Question 11: An individual vent is installed to vent a fixture trap and _____.

- connects to the vent system above the fixture served, or terminates in the open air
- connects to the vent system below the fixture served, or terminates in the open air
- connects to the vent system at the same level of the fixture served, or terminates in the open air
- all of the answers provided

Question 12: The correct reference for the above question is:

- 210.0
- 209.0
- 208.0

- 205.3
- 211.0

Question 13: What is clear water waste?

- waste water from a drinking fountain
- sewer water that is clear in color
- condensate from a boiler
- hot rinse water from a commercial dishwasher
- all of the answers provided

Question 14: The correct reference for the above question is:

- 201.0
- 202.0
- 203.0
- 204.0
- 205.0

Question 15: What is a conductor?

- a pipe on the outside of a building which conveys storm water from the roof to a storm water drain
- a pipe on the inside of a building which conveys storm water from the roof to a storm water drain
- a pipe on the inside of a building which conveys waste water from the roof to a storm water drain
- a pipe on the outside of a building which conveys waste water from the roof to a storm water drain
- a pipe on the inside of a building which conveys waste water from the roof to a waste water drain

Question 16: The correct reference for the above question is:

- 201.0
- 202.0
- 203.0
- 204.0
- 205.0

Question 17: A Durham system _____.

- is a design method for rainwater drains from buildings
- uses threaded piping with recessed fittings
- is a method of heat recovery for boiler blowdown
- is not allowed by current code practice

2012 UPC Chapters 2-6 Questions

RV 12.8.2014

Question 18: The correct reference for the above question is:

- 202.0
- 206.0
- 204.0
- 205.0
- 203.0

Question 19: An Effective Opening could best be described as _____.

- the minimum cross-sectional diameter of a circle of the water discharge
- the average cross-sectional diameter of a circle of the water discharge
- the maximum cross-sectional diameter of a circle of the water discharge
- 1.5 times the minimum cross-sectional diameter of a circle of the water discharge

Question 20: The correct reference for the above question is:

- 207.0
- 209.1
- 207.1
- 205.3

Question 21: Flammable vapor or fumes _____.

- occur when the flammable constituents in air exceed 10 % of the LFL
- occur when the flammable constituents in air exceed 10 % of the UFL
- occur when the flammable constituents in air exceed 25 % of the LFL
- occur when the flammable constituents in air are equal to 100 % of the LFL

Question 22: The correct reference for the above question is:

- 207.0
- 209.1
- 208.0
- 205.3

Question 23: A grade is _____.

- the slope of a pipe in reference to a horizontal line
- the fall of a pipe in reference to a horizontal line
- measured in a fraction of an inch per foot
- measured in a percentage of slope per foot
- all of the answers provided

Question 24: The correct reference for the above question is:

- 207.0
- 209.0
- 208.0
- 205.3
- 215.0

Quiz 2

Question 1: A horizontal pipe must be installed at an angle less than _____ degrees from the horizontal.

- 12 1/2
- 22 1/2
- 33 1/3
- 45
- 66 2/3

Question 2: The correct reference for the above question is:

- 210.0
- 209.0
- 208.0
- 205.3
- 215.0

Question 3: Which one of the following conditions does the term "insanitary" NOT apply to?

- A trap that does not maintain its seal
- An opening in a drainage system that is not provided with an approved liquid-sealed trap
- A plumbing fixture that is not supplied with water sufficient to flush and maintain the fixture
- A defective fixture
- None of the answers provided; all are insanitary conditions.

Question 4: The correct reference for the above question is:

- 207.0
- 209.1
- 211.0
- 205.3

2012 UPC Chapters 2-6 Questions

RV 12.8.2014

Question 5: Invert means _____.

- the highest portion of the outside of a horizontal pipe
- the lowest portion of the outside of a horizontal pipe
- the average mean distance of the outside of a horizontal pipe
- the lowest portion of the inside of a horizontal pipe
- none of the answers provided

Question 6: The correct reference for the above question is:

- 207.0
- 209.1
- 211.0
- 205.3

Question 7: In plumbing terms, a leader means _____.

- the end of a sewer snake that is used to break up clogs in waste lines
- the main waste vent that fixture side vents connect
- the water supply line that enters the building
- the drain pipe for conveying storm water from a roof
- none of the answers provided

Question 8: The correct reference for the above question is:

- 214.0
- 209.1
- 211.0
- 205.3

Question 9: A macerating toilet system _____.

- connects to the toilet
- connects to other plumbing fixtures
- grinds and pumps the waste
- all of the answers provided except 1
- all of the answers provided

Question 10: The correct reference for the above question is:

- 214.0
- 209.1
- 211.0
- 215.0

Question 11: An offset is _____.

- a pipe that is at 45 degrees from another pipe

- a pipe that is at 90 degrees from another pipe
- a pipe that is out of line but parallel with another pipe
- a pipe that is out of line and not parallel with another pipe
- none of the answers provided

Question 12: The correct reference for the above question is:

- 217.0
- 209.1
- 211.0
- 215.0

Question 13: PEX is _____.

- Cross-linked polyethylene
- Plastic external usage
- Polyvinyl cross-linked material
- Poly-propylene cross-linked material
- none of the answers provided

Question 14: The correct reference for the above question is:

- 216.0
- 218.0
- 211.0
- 215.0

Question 15: A riser is _____.

- a water supply pipe which extends vertically one (1) full story or more to convey water to branches or fixtures
- a vent system which extends vertically one (1) full story or more for venting of the waste system
- a waste system conductor which is located vertically one (1) full story or more above the main waste conductor
- all of the answers provided
- none of the answers provided

Question 16: The correct reference for the above question is:

- 216.0
- 220.0
- 211.0
- 215.0
- 205.0

2012 UPC Chapters 2-6 Questions

RV 12.8.2014

Question 17: A sump is _____.

- an approved tank which receives liquid waste, is located above the normal grade, and must be emptied by mechanical means
- an approved tank which receives liquid waste, is located below the normal grade, and must be emptied by mechanical means
- any tank which receives liquid waste, is located below the normal grade, and must be emptied by mechanical means
- an approved tank which receives liquid waste, is located below the normal grade, and must not be emptied by mechanical means
- none of the answers provided

Question 18: The correct reference for the above question is:

- 216.0
- 220.0
- 221.0
- 215.0
- 205.0

Question 19: A trap primer is _____.

- the solvent used to clean ABS pipe before final gluing
- the solvent used on PEX prior to assembly to a trap
- the solvent used to clean CPCV prior to final gluing as a trap
- a device and system of piping that maintains a water seal in a remote trap
- none of the answers provided

Question 20: The correct reference for the above question is:

- 216.0
- 220.0
- 221.0
- 215.0
- 222.0

Question 21: A Vertical Pipe is _____.

- a pipe that is not more than 90 degrees from a vertical position
- a pipe that is not more than 66 2/3 degrees from a vertical position
- a pipe that is not more than 60 degrees from a vertical position
- a pipe that is not more than 45 degrees from a vertical position
- a pipe that is only in a vertical position

Question 22: The correct reference for the above question is:

- 224.0
- 220.0
- 211.0
- 215.0
- 205.0

Question 23: A waste pipe conveys _____.

- only liquid waste
- liquid waste that may contain fecal matter
- liquid waste containing only fecal matter
- waste from a macerating toilet system
- storm water and building sewer waste

Question 24: The correct reference for the above question is:

- 224.0
- 220.0
- 211.0
- 215.0
- 225.0

Quiz 3

Question 1: On an installation, the waste line is discovered to have a small crack. What action should the plumber take?

- remove the bad section and replace with new
- seal minor leak with epoxy
- braze crack shut
- weld crack shut
- do nothing until the crack starts to leak

Question 2: The correct reference for the above question is:

- 309.1
- 309.2
- 310.2
- 310.8

Question 3: The minimum sized cast iron pipe that can be threaded is a _____.

- 2 inch
- 3 inch
- 4 inch
- 6 inch
- none, code does not allow threading

2012 UPC Chapters 2-6 Questions

RV 12.8.2014

Question 4: The correct reference for the above question is:

- 310.1
- 310.2
- 311.2
- 311.8
- not referenced

Question 5: A building sewer line must be installed at least _____ from the building.

- 6 inches
- 12 inches
- 16 inches
- 24 inches
- no minimum distance

Question 6: The correct reference for the above question is:

- 312.1
- 312.2
- 312.3
- 312.4
- 312.5

Question 7: Piping penetrations through a floor must be _____.

- sealed
- fire-stopped
- waterproofed
- fire-stopped only if penetrating a fire-resistant-rated floor
- followed by the building code and Chapter 15 Fire-stop Protection

Question 8: The correct reference for the above question is:

- 312.1
- 312.2
- 312.3
- 312.5
- 312.7

Question 9: All piping shall be supported in such a manner as to maintain its alignment and prevent sagging.

- Yes
- No

Question 10: The correct reference for the above question is:

- 313.1
- 313.2
- 313.3
- 313.4

Question 11: What is required to be of sufficient strength to support the weight of the pipe and its contents?

- Hangers
- Anchors
- both of the answers provided
- none of the answers provided

Question 12: The correct reference for the above question is:

- 313.1
- 313.2
- 313.3
- 313.4
- 313.5

Question 13: The minimum size of a hanger rod supporting 10 inch pipe is _____.

- 3/8 inch
- 1/2 inch
- 5/8 inch
- any of the answers provided
- none of the answers provided

Question 14: The correct reference for the above question is:

- Table 213.6
- Table 313.6
- Table 413.6
- Table 513.6

Question 15: The minimum size of a hanger rod supporting 6 inch pipe is _____.

- 3/8 inch
- 1/2 inch
- 5/8 inch
- any of the answers provided
- none of the answers provided

Question 16: The correct reference for the above question is:

- Table 213.6
- Table 313.6
- Table 413.6
- Table 513.6

Question 17: The minimum distance between hanger supports when hanging 1inch steel thread pipe for gas, shall be _____.

- 4 feet
- 8 feet
- 10 feet
- 12 feet
- 16 feet

2012 UPC Chapters 2-6 Questions

RV 12.8.2014

Question 18: The correct reference for the above question is:

- Table 213.1
- Table 313.1
- Table 413.1
- Table 513.1

Question 19: When can a restaurant's employees place food and drinks in a storage area which has soil or drain pipes located overhead?

- never
- when the drain pipes have the least number of possible joints
- when drains are equipped with integral seepage pans
- when piping is tested to 25 ft. of water
- all of the answers provided

Question 20: The correct reference for the above question is:

- 316.1
- 317.1
- 318.0
- 319.4

Question 21: A medical gas piping system shall be _____ in accordance with the applicable standards referenced in table 1401.1 and the requirements of Chapter 13.

- installed
- tested
- verified
- all of the answers provided

Question 22: The correct reference for the above question is

- 318.0
- 318.1
- 319.0
- 319.1

Quiz 4

Question 1: Fixtures having concealed slip joint connections shall be provided with an access panel no less than _____ in its least dimension.

- 1 inch
- 6 inches
- 12 inches
- 18 inches

Question 2: The correct reference for the above question is:

- 402.10
- 402.11
- 402.12
- 402.13

Question 3: A new toilet in a residential application must meet water consumption standards. The maximum amount of water per flush shall not exceed _____.

- 1.0 gallon
- 1.6 gallons
- 2.1 gallons
- 3.5 gallons
- 5.0 gallons

Question 4: The correct reference section for the above question is:

- 401
- 402
- 403
- 404

Question 5: A urinal shall not exceed _____ per flush.

- 1.0 gallon
- 0.8 gallons
- 0.7 gallons
- 0.6 gallons
- 0.5 gallons

Question 6: The correct reference section for the above question is:

- 400
- 401
- 402
- 403

Question 7: The overflow pipe from a fixture shall be connected on the house or inlet side of the fixture trap.

- True
- False

Question 8: The correct reference for the above question is:

- 402.0
- 403.0
- 404.0
- 405.0

2012 UPC Chapters 2-6 Questions

RV 12.8.2014

Question 9: For which of the following plumbing fixtures is a strainer not required?

- Urinal
- Residential sink
- Commercial sink
- Bathtub
- Shower

Question 10: The correct reference for the above question is:

- 405.1
- 405.2
- 405.3
- 405.4

Question 11: _____ urinals and urinals with a/n _____ seal shall be prohibited.

- Trough – invisible
- Weak – hard
- Soft – non-metallic
- none of the answers provided

Question 12: The correct reference for the above question is:

- 406.1
- 406.2
- 406.3
- 406.4

Question 13: Sheet metal restaurant sinks shall be a minimum thickness of _____.

- 12 gauge
- 14 gauge
- 16 gauge
- 20 gauge
- 24 gauge

Question 14: The correct reference for the above question is:

- 407.1
- 407.2
- 407.3
- 407.4

Question 15: A shower must have a minimum interior area of at least _____ sq. inches.

- 800
- 1,200
- 1,444
- 1,556
- none of the answers provided

Question 16: The correct reference for the above question is:

- 408.6
- 409.5
- 410.6
- 411.7

Question 17: The location of shower valves and heads _____.

- must be on the side wall
- can be adjusted prior to stepping into the shower spray
- must be placed so that the shower head does not discharge at the entrance to the compartment
- none of the answers provided
- all of the answers provided

Question 18: The correct reference for the above question is:

- 408.9
- 409.5
- 410.6
- 411.10

Question 19: The maximum temperature of hot water discharging into the bathtub filler shall be _____ degrees F.

- 110
- 115
- 120
- 125
- 140

Question 20: The correct reference for the above question is:

- 409.2
- 409.3
- 409.4
- 409.5

Question 21: Whirlpool pump access located in the crawl space shall be located no more than _____ from an access trap door.

- 5 feet
- 10 feet
- 15 feet
- 20 feet
- 25 feet

2012 UPC Chapters 2-6 Questions

RV 12.8.2014

Question 22: The correct reference for the above question is:

- 409.3
- 409.4
- 409.5
- 409.6

Question 23: In order to access the circulation pump trap, where must it be located?

- below the crown weir
- above the crown weir
- next to the crown weir
- it is located in a different room

Question 24: The correct reference section for the above question is:

- 409.3
- 409.4
- 409.5
- 409.6

Question 25: The water supply to the bidet shall be protected by _____.

- an air flow
- an air gap
- a flushometer
- a water valve

Question 26: The correct reference section for the above question is:

- 410.0
- 410.1
- 410.2
- 410.3

Question 27: When installing a sink that has two handles to control the water flow, _____ side shall be hot water and _____ side shall be cold water (when facing the sink).

- the left / the right
- the right / the left
- either
- not addressed in the code

Question 28: The correct reference for the above question is:

- 413.1

- 414.2
- 417.5
- 420.2

Question 29: In a public restroom that has one water closet and one urinal, a floor drain must be installed.

- True
- False

Question 30: The correct reference for the above question is:

- 408.0
- 411.5
- 416.6
- 418.3

Question 31: A dishwasher drain may be connected to the discharge side of a food waste disposal unit.

- True
- False

Question 32: The correct reference for the above question is:

- 417.3
- 419.1
- 419.2
- 419.3

Question 33: In a public restroom the maximum water temperature shall not exceed _____ degrees F.

- 110
- 115
- 120
- 125
- 140

Question 34: The correct reference for the above question is:

- 420.2
- 421.2
- 422.1
- 422.4

2012 UPC Chapters 2-6 Questions

RV 12.8.2014

TABLE 501.1 FIRST HOUR RATING											
Number of Bathrooms	1 to 1.5			2 to 2.5				3 to 3.5			
Number of Bedrooms	1	2	3	2	3	4	5	3	4	5	6
First Hours Rating, Gallons	43	54	54	54	67	67	80	67	80	80	80

¹ The first hour rating is found on the "Energy Guide" Label
² Solar water heaters shall be sized to meet the appropriate first hour rating as shown in the table

Quiz 5

Question 1: A hot water tank is to be installed in a 3 bedroom, 3 bath house. The first hour rating of the tank shall be at least _____ gallons.

- 42
- 54
- 67
- 80

Question 2: The correct reference for the above question is:

- 501.1
- 502.1
- 502.5
- 502.12

Question 3: A hot water tank is to be installed in a 3 bedroom, 1.5 bath house. The first hour rating of the tank shall be at least _____ gallons.

- 42
- 54
- 67
- 80

Question 4: The correct reference for the above question is:

- 501.1
- 502.1
- 502.5
- 502.12

Question 5: A hot water tank is to be installed in a 4 bedroom, 2.5 bath house. The first hour rating of the tank shall be at least _____ gallons.

- 42
- 54
- 67
- 80

Question 6: The correct reference for the above question is:

- 501.1
- 502.1
- 502.5
- 502.12

Question 7: A fuel-burning water heater installed in the closet of a bedroom or bathroom is not allowed unless all of the following are true EXCEPT:

- it is a direct vent type
- the closet door is gasketed
- the closet door has a self-closing device
- the closet door has a bolting lock

Question 8: The correct reference for the above question is:

- 504.1
- 504.2
- 504.3
- 504.4

Question 9: A shut-off valve may be placed between the water tank and pressure relief valve.

- True
- False

Question 10: The correct reference for the above question is:

- 504.1
- 504.3
- 504.4
- 504.6

Question 11: A shut-off valve may be placed between the pressure relief valve and discharge piping to atmosphere.

- True
- False

2012 UPC Chapters 2-6 Questions

RV 12.8.2014

Question 12: The correct reference for the above question is:

- 504.1
- 504.3
- 504.4
- 504.6

Question 13: In seismic areas C-F, a water heater must be strapped to resist horizontal displacement.

- 1/4, 1/4, 4
- 1/4, 1/4, 6
- 1/3, 1/3, 4
- 1/3, 1/3, 6

Question 14: The correct reference for the above question is:

- 507.1
- 507.2
- 507.3
- 507.4

Question 15: A water heater installed in an attic shall have a waterproof drain with a minimum _____ drain line.

- 1/2 inch
- 3/4 inch
- 1 inch
- 1-1/2 inch
- not addressed in the code since water heaters in attics are not allowed

Question 16: The correct reference for the above question is:

- 507.1
- 507.2
- 507.3
- 507.4

Question 17: The discharge from a relief valve may empty into a water heater pan.

- True
- False

Question 18: The correct reference for the above question is:

- 507.1
- 507.2
- 507.3
- 507.4
- 507.5

Question 19: When is a non-direct-vent water heater allowed in a facility that routinely uses flammable aerosol sprays?

- never – no exceptions
- always – no restrictions
- when the tank is 40 gallons or less
- when the tank has a flame guard burner
- none of the answers provided

Question 20: The correct reference for the above question is:

- 507.10
- 507.2
- 507.3
- 507.4
- 507.5

Question 21: When installing a gas water heater in a garage, the tank must be at least _____ inches above the floor _____.

- 16, with no exceptions
- 18, with no exceptions
- 16, unless listed as flammable vapor ignition resistant
- 18, unless listed as flammable vapor ignition resistant
- 24, unless listed as flammable vapor ignition resistant

Question 22: The correct reference for the above question is:

- 507.11
- 507.12
- 507.13
- 507.14
- 507.20

Quiz 6

Question 1: Water closets and urinals shall be flushed by means of an approved _____.

- flush tank
- flushometer valve
- both of the answers provided
- neither of the answers provided

Question 2: The correct reference for the above question is:

- 601.1
- 602.1
- 603.3
- 604.5

2012 UPC Chapters 2-6 Questions

RV 12.8.2014

Question 3: Potable water systems shall be marked with _____.

- a green background and white lettering
- a yellow background and black lettering
- a purple background and black lettering
- an orange background and white lettering
- a light blue background and black lettering

Question 4: The correct reference for the above question is:

- 600.0
- 601.2
- 601.3
- 602.4

Question 5: Non-potable water systems shall be marked with _____.

- a green background and white lettering
- a yellow background and black lettering
- a purple background and black lettering
- an orange background and white lettering
- a light blue background and black lettering

Question 6: The correct reference for the above question is:

- 600.0
- 601.2
- 601.3
- 602.4

Question 7: Reclaimed water systems shall be marked with _____.

- a green background and white lettering
- a yellow background and black lettering
- a purple background and black lettering
- an orange background and white lettering
- a light blue background and black lettering

Question 8: The correct reference for the above question is:

- 600.0
- 601.2
- 601.3
- 602.4

Question 9: The minimum airgap for a water distribution system with an effective opening not greater than one (1) inch in diameter, when affected by sidewalls, is _____.

- 1 inch
- 1-1/2 inch
- 2 inches
- 2-1/4 inches
- 3 inches

Question 10: The correct reference for the above question is:

- Table 601.2.2
- Table 603.2
- Table 603.3.1
- Table 604.1

Question 11: Water supply inlets to sumps shall be protected by either an airgap or a vented backflow preventer for contamination.

- True
- False

Question 12: The correct reference for the above question is:

- 603.5.3
- 603.5.4
- 603.5.5
- 603.5.6

Question 13: A heat exchanger on a solar water heater using glycol shall be _____.

- single-walled
- double-walled
- triple-walled
- not addressed in the code

Question 14: The correct reference for the above question is:

- 603.1
- 603.2
- 603.3
- 603.5.4

Question 15: The minimum weight of copper tubing for water lines below ground is _____.

- Type K
- Type L
- Type M
- Schedule 40
- Schedule 80

Question 16: The correct reference for the above question is:

- 603.1
- 604.2
- 604.3
- 604.6

Question 17: A control valve shall be installed immediately ahead of each water-supplied appliance.

- True
- False

2012 UPC Chapters 2-6 Questions

RV 12.8.2014

Question 18: The correct reference for the above question is:

- 603.1
- 604.2
- 604.3
- 606.5

Question 19: Where local static water pressure is above _____ psig, a pressure regulator shall be installed.

- 50
- 60
- 70
- 80
- 100

Question 20: The correct reference for the above question is:

- 608.1
- 608.2
- 608.3
- 608.4
- 608.7

Question 21: Pressure relief valves shall not be set above _____ psi.

- 150
- 160
- 170
- 180
- 200

Question 22: The correct reference for the above question is:

- 608.1
- 608.2
- 608.3
- 608.4
- 608.7

Question 23: A water pipe may be laid in the same trench with a clay sewer line if _____.

- the water pipe is 1" galvanized steel
- the clay sewer line is 3"
- the water line is at least 12 " above the top of the sewer line, and is placed on a solid

shelf excavated 12" horizontally from the sewer line

- no special precautions are needed
- never allowed

Question 24: The correct reference for the above question is:

- 608.2
- 609.2
- 609.6
- 609.10

Question 25: Unions should be installed in the water supply piping within _____ of equipment which may require removal or replacement.

- 6 inches
- 12 inches
- 16 inches
- 24 inches
- 36 inches

Question 26: The correct reference for the above question is:

- 608.2
- 609.5
- 609.6
- 609.10

Question 27: Which of the following is NOT used in sizing water supply systems?

- number of equivalent fixture units
- maximum pressure available
- difference in elevation between the meter and the highest outlet
- length of supply pipe from the meter to the most remote outlet

Question 28: The correct reference for the above question is:

- 610.2
- 610.5
- 610.7
- 610.8
- 610.12