

UPC Chapters 2-6 Code Questions

RV 12.7.20

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.

How to take this 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. Begin viewing the web pages. Refer to your printed test to find the correct answers. The questions track the web pages.
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

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
2. The correct reference for the previous question is:
 - 201.0
 - 202.0
 - 203.0
 - 204.0
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 or storm water from an open area
4. The correct reference for the previous question is:
 - 201.0
 - 202.0
 - 203.0
 - 204.0
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

UPC Chapters 2-6 Code Questions

RV 12.7.20

- a positive displacement pump apparatus whose single purpose is to inject chemicals for swimming pools
6. The correct reference for the previous question is:
- 201.0
 - 202.0
 - 203.0
 - 204.0
7. Backflow means _____.
- water running “uphill”
 - the flow of water 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
8. The correct reference for the previous question is:
- 201.0
 - 202.0
 - 203.0
 - 204.0
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
10. The correct reference for the previous question is:
- 201.0
 - 202.0
 - 203.0
 - 204.0
11. What is clear water waste?
- waste water from a drinking fountain
 - sewer that is clear in color
 - condensate from a boiler
 - hot water rinse water from a commercial dishwasher
 - all of the answers provided
12. The correct reference for the previous question is:
- 201.0
 - 202.0
 - 203.0
 - 204.0
 - 205.0
13. 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 stormwater 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
14. The correct reference for the previous question is:
- 201.0
 - 202.0
 - 203.0
 - 204.0
 - 205.0
15. A Durham system is _____.
- a design method for rainwater drains from buildings
 - a waste system which uses threaded piping with recessed fittings
 - a method of heat recovery for boiler blowdown
 - not allowed by current code practice
16. The correct reference for the previous question is:
- 202.0
 - 206.0
 - 204.0
 - 205.0
 - 203.0

UPC Chapters 2-6 Code Questions

RV 12.7.20

17. 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

18. The correct reference for the previous question is:
- 207.0
 - 209.1
 - 207.1
 - 205.3

19. 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

20. The correct reference for the previous question is:
- 207.0
 - 209.1
 - 208.0
 - 205.3

21. 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

22. The correct reference for the previous question is:
- 207.0
 - 209.0
 - 208.0
 - 205.3
 - 215.0

Quiz 2

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
2. The correct reference for the previous question is:
- 210.0
 - 209.0
 - 208.0
 - 205.3
 - 215.0
3. 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
4. The correct reference for the previous question is:
- 210.0
 - 209.0
 - 208.0
 - 205.3
 - 211.0

Which 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.
5. The correct reference for the previous question is:
- 207.0

UPC Chapters 2-6 Code Questions

RV 12.7.20

- 209.1
 - 211.0
 - 205.3
6. 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
7. The correct reference for the previous question is:
- 207.0
 - 209.1
 - 211.0
 - 205.3
8. 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
9. The correct reference for the previous question is:
- 214.0
 - 209.1
 - 211.0
 - 205.3
10. 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
11. The correct reference for the previous question is:
- 214.0
 - 209.1
 - 211.0
 - 215.0
12. An offset is _____.
- a pipe that is at 45 degrees from an other 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
13. The correct reference for the previous question is:
- 217.0
 - 209.1
 - 211.0
 - 215.0
14. PEX is _____.
- Cross-linked polyethylene
 - Plastic external usage
 - Polyvinyl cross-linked material
 - Poly-propylene cross-linked material
 - None of the answers provided
15. The correct reference for the previous question is:
- 216.0
 - 218.0
 - 211.0
 - 215.0
16. 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
17. The correct reference for the previous question is:
- 216.0
 - 220.0
 - 211.0
 - 215.0
 - 205.0
18. A sump is _____.

UPC Chapters 2-6 Code Questions

RV 12.7.20

- 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
19. The correct reference for the previous question is:
- 216.0
 - 220.0
 - 221.0
 - 215.0
 - 205.0
20. 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
21. The correct reference for the previous question is:
- 216.0
 - 220.0
 - 221.0
 - 215.0
 - 222.0
22. 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
23. The correct reference for the previous question is:
- 224.0
 - 220.0
 - 211.0
 - 215.0
 - 205.0
24. A waste pipe conveys _____.
- only liquid waste
 - liquid waste that may contain fecal matter
 - only liquid waste containing fecal matter
 - waste from a macerating toilet system
 - stormwater and building sewer waste
25. The correct reference for the previous question is:
- 224.0
 - 220.0
 - 211.0
 - 215.0
 - 225.0
- Quiz 3
1. On an installation, the waste line was 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
2. The correct reference for the previous question is:
- 302.1
 - 301.2
 - 301.2.1
 - 301.8
3. The minimum sized cast iron pipe that can be threaded is _____.
- 2 inch
 - 3 inch
 - 4 inch
 - 6 inch
 - none, code does not allow threading
4. The correct reference for the previous question is:
- 310.1
 - 310.2
 - 311.2

UPC Chapters 2-6 Code Questions

RV 12.7.20

- 311.8
 - Not referenced
5. A building sewer line that's constructed of materials not for use under a building, must be installed at least _____ from the building.
- 1/2 foot
 - 1 foot
 - 16 inches
 - 24 inches
 - no minimum distance
6. The correct reference for the previous question is:
- 312.1
 - 312.2
 - 312.3
 - 312.4
 - 312.5
7. Protectively coated pipe or tubing shall be _____ and _____ and a visible void, damage, or imperfection to the pipe shall be repaired in an approved manner.
- tested and soldered
 - inspected and tested
 - waterproofed and tested
8. The correct reference for the previous question is:
- 312.1
 - 312.2
 - 312.3
 - 312.5
 - 312.7
9. What shall be 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
10. The correct reference for the previous question is:
- 313.1
 - 313.2
 - 313.3
 - 313.4
11. The minimum distance between hanger supports when hanging 1" steel thread pipe for gas, shall be _____.
- 4 feet
 - 8 feet
 - 10 feet
 - 12 feet
 - 16 feet
12. The correct reference for the previous question is:
- Table 213.1
 - Table 313.3
 - Table 413.1
 - Table 513.1
13. All piping shall be supported in such a manner as to maintain its alignment and prevent sagging.
- Yes
 - No
14. The correct reference for the previous question is:
- 313.1
 - 313.2
 - 313.3
 - 313.4
15. The minimum size of a hanger rod supporting 10" pipe is _____.
- 3/8 inch
 - 1/2 inch
 - 5/8 inch
 - any of the answers provided
 - none of the answers provided
16. The correct reference for the previous question is:
- Table 213.6
 - Table 313.6
 - Table 413.6
 - Table 513.6
17. The minimum size of a hanger rod supporting 6" pipe is _____.
- 3/8 inch
 - 1/2 inch
 - 5/8 inch
 - any of the answers provided
 - none of the answers provided
18. The correct reference for the previous question is:

UPC Chapters 2-6 Code Questions

RV 12.7.20

- Table 213.6
 - Table 313.6
 - Table 413.6
 - Table 513.6
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
 - piping is tested to 25 feet of water
 - all of the answers provided
20. The correct reference for the previous question is:
- 316.1
 - 317.1
 - 318.0
 - 319.4
21. A medical gas piping system shall be _____ in accordance with the applicable standards referenced in Table 1701.1 and the requirements of Chapter 13.
- installed
 - tested
 - verified
 - all of the answers provided
22. The correct reference for the previous question is
- 318.0
 - 318.1
 - 319.0
 - 319.1
- Quiz 4
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
2. The correct reference for the previous question is:
- 402.10
 - 402.11
 - 402.12
 - 402.13
3. The overflow pipe from a fixture shall be connected on the house or inlet side of the fixture trap.
- True
 - False
4. The correct reference for the previous question is:
- 402.
 - 403.
 - 404.
 - 405.
5. _____ urinals and urinals with an _____ seal shall be prohibited.
- trough
 - invisible
 - both of the answers provided
 - none of the answers provided
6. The correct reference for the previous question is:
- 405.1
 - 405.2
 - 405.3
 - 405.4
7. Sheet metal restaurant sinks shall be a minimum thickness of _____.
- 12 U.S. gauge
 - 14 U.S. gauge
 - 16 U.S. gauge
 - 20 U.S. gauge
 - 24 U.S. gauge
8. The correct reference for the previous question is:
- 406.1
 - 406.2
 - 406.3
 - 406.4
9. A shower is to have a minimum interior area of at least _____ sq. inches.
- 800
 - 1200
 - 1444
 - 1556
 - none of the answers provided
10. The correct reference for the previous question is:

UPC Chapters 2-6 Code Questions

RV 12.7.20

- 408.6
 - 409.5
 - 410.6
 - 411.7
11. The location of the shower valves and heads shall be on the sidewall or otherwise arranged so that the showerhead _____.
- can be adjusted prior to stepping into the shower spray
 - does not discharge at the entrance to the compartment
 - both of the answers provided
 - neither of the answers provided
12. The correct reference for the previous question is:
- 408.9
 - 409.5
 - 410.6
 - 411.10
13. The maximum temperature of hot water discharging into the bathtub filler shall be _____.
- 110°F
 - 115°F
 - 120°F
 - 125°F
 - 140°F
14. The correct reference for the previous question is:
- 409.2
 - 409.3
 - 409.4
 - 409.5
15. 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
16. The correct reference for the previous question is:
- 409.3
 - 409.4
 - 409.5
 - 409.6
17. When accessing the circulation pump trap, where is it going to be located?
- Below the crown weir.
 - Above the crown weir.
 - Next to the crown weir.
 - It is located in a different room.
18. The correct reference for the previous question is:
- 409.3
 - 409.4
 - 409.5
 - 409.6
19. The water supply to the bidet shall be protected by _____.
- an air flow
 - an air gap
 - a flushometer
 - a water valve
20. The correct reference for the previous question is:
- 410.0
 - 410.1
 - 410.2
 - 410.3
21. When installing a sink that has 2 handles to control the water flow, the _____ side shall be hot water and the _____ side shall be cold water (when facing the sink).
- left / right
 - right / left
 - either side
 - not addressed in the code
22. The correct reference for the previous question is:
- 413.1
 - 414.2
 - 417.5
 - 420.2
23. In a public restroom that has 1 water closet and 1 urinal; a floor drain must be installed.
- True
 - False
24. The correct reference for the previous question is:
- 408.0
 - 411.5
 - 416.6

UPC Chapters 2-6 Code Questions

RV 12.7.20

- 418.3
25. A dishwasher drain may be connected to the discharge side of a food waste disposal unit.
- True
 - False

26. The correct reference for the previous question is:

- 417.3
- 419.1
- 419.2
- 419.3

Quiz 5 (20)

1. It shall be unlawful for a person to install, remove, or replace or cause to be installed, removed, or replaced a water heater without first obtaining a permit from the Authority Having Jurisdiction.

- True
- False

2. The correct reference for the previous question is:

- Table 502.1
- Table 502.2
- Table 502.3
- Table 502.4

3. After a water heater has been installed, no parts shall be covered or concealed until the same has been inspected and approved by the:

- Building inspector
- Owner
- Plumbing company owner
- Authority Having Jurisdiction

4. The correct reference for the previous question is:

- Table 503.0
- Table 503.2
- Table 503.4
- Table 503.6

5. A fuel-burning water heater installed in a closet of a bedroom or bathroom is not allowed unless _____.

- A. it is a direct vent type
- B. the door assembly is gasketed

- C. the closet door has a self-closing device
- D. the closet door has a bolting lock
- E. Both B and C

6. The correct reference for the previous question is:

- 504.1
- 504.2
- 504.3
- 504.4

7. Listed water heaters shall be installed in accordance with their listings and the manufacturer's installation instructions.

- True
- False

8. The correct reference for the previous question is:

- 504.1.1
- 504.3.1
- 504.5.1
- 504.7.1

9. A shutoff valve may be placed between the water tank and pressure relief valve.

- True
- False

10. The correct reference for the previous question is:

- 504.1
- 504.3
- 504.4
- 504.6

11. A shutoff valve may be placed between the pressure relief valve and discharge piping to atmosphere.

- True

UPC Chapters 2-6 Code Questions

RV 12.7.20

- False
12. The correct reference for the previous question is:
- 504.1
 - 504.3
 - 504.4
 - 504.6
13. In seismic design categories C-F, a water heater must be strapped to resist horizontal displacement.
- 1/4 – 1/4 – top/ bottom and 4 inches above controls
 - 1/4 – 1/4 – top/ bottom and 6 inches above controls
 - 1/3 – 1/3 – top/ bottom and 4 inches above controls
 - 1/3 – 1/3 – top/ bottom and 6 inches above controls
14. The correct reference for the previous question is:
- 507.1
 - 507.2
 - 507.3
 - 507.4
15. A water heater installed in an attic shall have a watertight pan of corrosion-resistant material located beneath with a minimum size drain line of _____.
- 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.
16. The correct reference for the previous question is:
- 507.1
 - 507.2
 - 507.3
 - 507.4
 - 507.5
17. 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
18. The correct reference for the previous question is:
- 507.10
 - 507.2
 - 507.3
 - 507.4
 - 507.5
19. When installing a gas water heater in a garage, the tank must be at least _____ above the floor unless _____.
- 16 inches – no exceptions
 - 18 inches – no exceptions
 - 16 inches – listed as flammable vapor ignition resistant
 - 18 inches – listed as flammable vapor ignition resistant
 - 24 inches – listed as flammable vapor ignition resistant
20. The correct reference for the previous question is:
- 507.11
 - 507.12
 - 507.13
 - 507.14
 - 507.20
- Quiz 6
1. Water closets and urinals shall be flushed by means of an approved _____.
- flush tank
 - flushometer valve
 - either of the answers provided
 - neither of the answers provided
2. The correct reference for the previous question is:
- 601.2
 - 602.1
 - 603.3
 - 604.5
3. The 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

UPC Chapters 2-6 Code Questions

RV 12.7.20

- an orange background and white lettering
 - a light blue background and black lettering
4. The correct reference for the previous question is:
- 600.0
 - 601.2.1
 - 601.3.1
 - 602.4.1
5. The 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
6. The correct reference for the previous question is:
- 600.0
 - 601.2.1
 - 601.3.2
 - 602.4.1
7. The 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
8. The correct reference for the previous question is:
- 600.0
 - 601.2.2
 - 601.3.3
 - 602.4.2
9. The minimum air gap for a water distribution system with an effective opening not greater than 1 inch in diameter, when affected by sidewalls, is _____.
- 1 inch
 - 1-1/2 inch
 - 2 inches
- 2-1/4 inches
 - 3 inches
10. The correct reference for the previous question is:
- Table 601.2.2
 - Table 603.2
 - Table 603.3.1
 - Table 604.1
11. Water supply inlets to sumps shall be protected by an air gap.
- True
 - False
12. The correct reference for the previous question is:
- 603.5.3
 - 603.5.4
 - 603.5.5
 - 603.5.6
13. A heat exchanger on a solar water heater using glycol shall be _____.
- single-walled
 - double-walled
 - triple-walled
 - not addressed in the code
14. The correct reference for the previous question is:
- 603.1
 - 603.2
 - 603.3
 - 603.5.4
15. The minimum weight of copper tubing for water lines below ground is _____.
- Type K
 - Type L
 - Type M
 - Schedule 40
 - Schedule 80
16. The correct reference for the previous question is:
- 603.1
 - 604.2
 - 604.3
 - 604.6
17. A control valve shall be installed immediately ahead of each water-supplied appliance.

UPC Chapters 2-6 Code Questions

RV 12.7.20

- True
 - False
18. The correct reference for the previous question is:
- 603.1
 - 604.2
 - 604.3
 - 606.5
19. Where local static water pressure is above _____, then a pressure regulator shall be installed.
- 50 psi
 - 60 psi
 - 70 psi
 - 80 psi
 - 100 psi
20. The correct reference for the previous question is:
- 608.1
 - 608.2
 - 608.3
 - 608.4
 - 608.7
21. Pressure relief valves shall not be set above _____.
- 150 psi
 - 160 psi
 - 170 psi
 - 180 psi
 - 200 psi
22. The correct reference for the previous question is:
- 608.1
 - 608.2
 - 608.3
 - 608.4
 - 608.7
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 placed on a solid shelf excavated 12" horizontally from the sewer line
 - no special precautions are needed
 - never allowed
24. The correct reference for the previous question is:
- 608.2
 - 609.2
 - 609.6
 - 609.10
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
26. The correct reference for the previous question is:
- 608.2
 - 609.5
 - 609.6
 - 609.10
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.
28. The correct reference for the previous question is:
- 610.2
 - 610.5
 - 610.7
 - 610.8
 - 610.12