

A NON- Illustrated Course

1. **Download Quizzes** – Open – Print

2. **Download and Print** provided code material.

3. **Study code material**, circle correct answers on the printed quizzes.

4. **Login** to your account using your ID and password.

5. **Status** page for your account appears. **Click on link** : “**Click here to start this course.**”



6. Click on the course pages to advance to the first quiz.

7. Refer to your printed quizzes to find the correct answers to each of the on-line quiz questions.

You will notice that the questions are exactly the same as your printed ones.

This is just like an open book test.

Quiz 1

Question 1: Galvanized steel pipe shall be kept at least _____ inches aboveground
 6 inches
 7 inches
 5 inches

Question 2: Vitrified clay pipe can fittings shall be used aboveground or can be pressurized by a pump or ejector.
 True
 False

Question 3: Vitrified clay pipe shall be kept at least _____ inches below ground.
 11
 12
 13
 300

Question 4: Copper tube for drainage and vent piping shall have a weight equal to or greater than copper drainage tube type _____.
 DWV
 PVC
 LDS
 All of the above

Question 5: _____ and fittings shall not be installed underground, in addition they shall be kept at least 6 inches aboveground.
 Stainless steel 304 pipe

Titanium 403 pipe
 Vitrified clay pipe
 Surgical tubing

Question 6: The minimum size of vertical drainage piping shall be determined from the total of all fixture units connected, in accordance with their _____.
 Width
 Length
 Pipe type
 All of the above

Question 7: For continuous flow into a drainage system from a pump, _____ fixture units shall be allowed for each gallon per minute of flow.
 5
 4
 3
 2

Question 8: Connecting horizontal drainage lines can enter through 45degree wye branches.
 True
 False

Question 9: Each cleanout fitting for cast-iron pipe shall consist of a cast-iron or brass body and an approved plug.
 True
 False

2006 UPC Chapters 7, 8, 9

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Question 10: Plugs need to have raised _____heads or approved countersunk rectangular slots.

- Oval
- Square
- Triangle
- Hexagonal

Question 11: Each cleanout fitting and cleanout plug or cap must be of a(n) _____type.

- new
- improvised
- approved
- All of the above

Question 12: Cleanouts must be designed to be gas and watertight.

- True
- False

Question 13: . Each horizontal drainage pipe shall be provided with a(n) _____ at its upper _____. Each run of piping, more than one hundred feet in total_____, shall be provided with a cleanout every hundred feet, or fraction thereof.

- Cleanout, terminal, developed length,
- Cleanup, terminator, developer strength,
- Outlet, pump, developed length :or
- Water trap, faucet, width,

Question 14: There must be an additional cleanout in a drainage line for each aggregate horizontal change of direction exceeding 135 degrees.

- True
- False

Question 15: Each cleanout should be installed according to section 707.6

- yes
- no
- mostly yes with some exceptions
- mostly no with some exceptions

Question 16: When practicable, all plumbing fixtures should be drained by gravity to the sewage disposal system.

- True
- False

Question 17: A fixture installed lower than the next upstream manhole cover should have an approved type of backwater valve.

- Always Yes
- Always No
- Yes, if the manhole cover of the public or private sewer is serving such drainage piping.
- No, if the manhole cover of the public or private sewer is serving such drainage piping.

Question 18: A sewage ejector or sewage pump receiving the discharge of water closets needs to have a minimum discharge capacity of at least _____ gallons per minute.

- 15
- 20
- 25
- 30

Question 19: The discharge line from an ejector pump shall be provided with an accessible _____.

- backwater valve
- swing check valve and gate
- ball valve
- any of the above

Question 20: A gravity drainage line connects to another horizontal drain line. The connection should be made through the top of a wye branch fitting.

- True
- False

Question 21: Drainage connections shall not be made into a drainage piping system within_____ of any vertical to horizontal change of direction of a stack containing suds producing fixtures.

- 8 feet
- 8 yards
- 2438 cm
- 243 mm

Question 22: Bathtubs, laundries, washing machine standpipes and dishwashers are all considered to be _____

- suds-removing fixtures
- normal fixtures
- suds-producing fixtures

Question 23: Section 711.0, (Suds Relief) has the following exception.

- Single- family residences
- stacks receiving the discharge from less than 4 stories of plumbing fixtures
- stacks receiving the discharge from less than 5 stories of plumbing fixtures
- No exceptions are in the code

Question 24: The piping of the plumbing, drainage, and venting systems shall be tested with _____.

- Air only
- Water only
- Air and water
- Air or water except that plastic pipe should not be tested with air.

Question 25: During a water test, water should be kept in the system for at least_____, before inspection starts

- 15 minutes
- a half- hour
- overnight
- a work- week

Question 26: The air test shall be made by attaching an air compressor testing apparatus to any suitable opening, closing all inlets and outlets, and applying a uniform gauge pressure of 10 psi to the system.

- True
- False

Question 27: The pressure shall be held without introduction of additional air for a period of at least _____.

- a half- hour
- 15 minutes
- 20 minutes
- 60 minutes

Quiz 2

Question 1: The subdivision into smaller parcels of a lot that abuts and is served by a public sewer shall not be deemed cause to permit the construction of _____.

- Public roads
- A private sewage disposal system
- A side walk
- All of the above

Question 2: A public sewer may be considered not available if it is located more than 300 feet from any proposed building or exterior drainage facility on any lot or premises that it abuts and serves.

- True
- False

Question 3: _____ may be issued for the installation of a private sewage disposal system, or part thereof, on any lot connected with a public sewer.

- A citation
- A permit
- No permit
- No citation

Question 4: Cesspools, septic tanks, seepage pits, or drain fields shall _____

Be connected to any public sewer or to any building sewer lead in to a public sewer.

Be removed for health reasons

Be left alone

Have extra approved check valves installed

Question 5: All pipe, brick, block, _____, or other parts in the installation of building sewers or private sewage disposal systems shall conform to the approval requirements of chapter 3 of this code.

Prefabricated septic tanks

Seepage pit covers

All of the above

Question 6: Building sewers shall be run in practical alignment and at a uniform slope of not less than $\frac{1}{4}$ of an inch per ____ towards the point of disposal.

yard

foot

meter

inch

Question 7: There are no exceptions to 718.1

True

False

Question 8: Building sewer piping shall be laid on a firm bed throughout _____

its entire length

the building

class 2 fire hazard areas

its width

Question 9: No sewer constructed of materials other than those approved for use under or within a building, shall be installed under or within ____ foot/ feet of any building or structure, nor less than ____ foot/feet below the surface of the ground

2, 1

1, 2

3, 4

4, 3

Question 10: Cleanouts shall be placed inside the building near the connection between the building drain and the building sewer or installed outside the building at the lower end of the building drain and _____.

to the street

to a public sewer

extended to grade

extended to the level

Question 11: Additional building sewer cleanouts shall be installed at intervals not to exceed 100 feet in straight runs and for each aggregate horizontal change in direction exceeding 135 degrees.

True

False

Question 12: When a building sewer does not exceed 10 feet in length and is _____ from a building drain provided with a cleanout, no cleanout will be required at its point of connection to the building drain.

connected

a straight line projection

greater than five feet

90 degrees

Question 13: Cleanouts installed under concrete or asphalt paving shall be made accessible by _____.

yard boxes

drilling holes in the concrete or asphalt

installing a man hole

Question 14: The maximum distance between manholes shall exceed _____.

300 inches

300 feet

300 yards

all of the above

Question 15: Every abandoned building sewer should be plugged or capped in an approved manner within 5 feet of the property line.

True

False

Question 16: Where disposal facilities are _____ consequent to connecting any premises with the public sewer, the permittee making the connection shall fill all _____ facilities.

Operational, abandoned

Abandoned, abandoned

Abandoned, operational

Operational, operational

Question 17: Where disposal facilities are abandoned consequent to connecting any premises with the public sewer, the permittee making the connection shall fill all abandoned facilities required by _____ within 30 days

the federal government

the state government

the city

the Authority Having Jurisdiction

Quiz 3

Question 1: Where a drainage air gap is required by this code, the minimum vertical distance as measured from the lowest point of the indirect waste pipe or the fixture outlet to the flood-level rim of the receptor shall not be less than 1 inch.

True

False

Question 2: For a food processing establishment that has refrigeration and other food handling equipment, the Uniform Plumbing Code requires _____ indirect waste piping for the equipment listed above

employee facilities

a safe work environment

All of the above

Question 3: Except for refrigeration coils and ice making machines, the minimum size of the indirect waste pipe shall not be smaller than the drain on the unit, and shall not be smaller than _____.

4 inches

3 inches

2 inches

1 inch

Question 4: Indirect waste pipe for ice making machines shall not be smaller than the drain on the unit, and shall not be less than $\frac{5}{8}$ inch.

True

False

Question 5: Walk-in cooler floor drains shall be connected to a _____ discharging into an outside receptor.

Gate and ball valve

Separate drainage line

Main line

All of the above

Question 6: The _____ of the receptor shall be a minimum of 6 inches lower than the lowest floor drain

Flood-level rim

check valve

placement

fireproof rim

Question 7: Cleanouts shall be provided at every _____ degree turn and shall be accessibly located.

360

45

90

180

Direct waste pipes

Question 8: Where the sink in a bar is located so that the trap serving the sink cannot be vented, the sink drain shall discharge through _____ into an approved, vented receptor.

- a check valve
- an airgap or airbreak
- an approved water discharger
- a PVC pipe

Question 9: The developed length from the fixture outlet to the receptor shall not exceed _____.

- 5 inches
- 5 feet
- 5 yards
- the length of the pipe

Question 10: Stills, sterilizers, and similar equipment requiring waste connections and used to sterilize materials shall be indirectly connected by means of _____.

- a check valve
- an airgap
- a sink trap
- a one way valve

Question 11: Each indirect waste pipe shall be separately piped to the receptor and shall not exceed 15 feet. Such receptors shall be located _____.

- within 15 ft of the fixture
- in the same building
- in a visible location
- in the same room

Question 12: Appliances or apparatus not regularly classed as plumbing fixtures, but which have drip or drainage outlets may not be drained by indirect waste pipes discharging into an open receptor through either _____.

- an airgap or airbreak
- A one way valve or a check valve
- PVC or galvanized pipe
- all of the above

Question 13: No vent from indirect waste piping shall combine with any sewer connected vent, but shall extend separately to _____.

- The public sewer
- A private sewer
- outside air
- inside air

Question 14: Indirect waste pipes exceeding five feet, but not less than 15 feet in length shall be directly trapped, but such traps need not be vented.

- True
- False

Question 15: Indirect waste pipes less than _____ feet in length shall not be less than the diameter of the drain outlet or tailpiece of the fixture, appliance, or equipment served and, in no case, less than 1/2 inch in size.

- 5
- 10
- 15
- 20

Question 16: Angles and changes of direction in indirect waste pipes shall be provided with _____ as to permit flushing and cleaning.

- cleanouts
- check valves
- airgaps
- none of the above

Question 17: All plumbing fixtures or other receptors receiving the discharge _____ shall be approved for the use proposed and shall be of such shape and capacity as to prevent splashing or flooding.

- Of drainage lines
- Of indirect waste pipes
- Of gases and liquids

Question 18: No standpipe receptor for any clothes washer shall extend more than 30 inches, nor less than _____ inches above its trap.

- 10
- 40
- 20
- 30

Question 19: No trap for any clothes washer standpipe receptor shall be installed below the floor, but shall be roughed in not less than _____ inches and not more than 18 inches above the floor

- 5
- 6
- 7
- 8

Question 20: An indirect waste receptor can be installed in any toilet room, closet, cupboard, or storeroom.

- True
- False

Question 21: Appliances and similar equipment requiring water and waste and used to sterilize materials shall be drained through _____

- an airgap
- a strainer
- a check valve
- an indirect sewage line

Question 22: Appliances, devices, equipment, or other apparatus not regularly classed as plumbing fixtures, which are equipped with pumps, drips, or drainage outlets, may be _____ by indirect waste pipes discharging into an approved type of open receptor

- connected
- drained
- attached
- emptied

Question 23: When undiluted condensate waste from a condensing furnace is discharged into the drainage system, the material in the drainage system shall be _____.

- pottery, ceramic or porcelain,
- iron, galvanized iron or plastic
- copper, brass or bronze
- none of the above

Question 24: A domestic dishwashing machine should not directly connect to a food waste disposer without an approved dishwasher airgap fitting on the discharge side of the dishwashing machine

- True
- False

Question 25: A drinking fountain may be installed with indirect wastes.

- True
- False

Question 26: A steam pipe may be directly connected to any part of a plumbing or drainage system.

- True
- False

Question 27: Water above 140°F may be discharged under pressure into any part of a drainage system.

- True
- False

Question 28: Intercepting tanks constructed of concrete shall have walls and bottom not less than _____ in thickness.

- 2 inches
- 3 inches
- 4 inches
- 5 inches

Question 29: Condensers constructed of metal shall be not less than U.S. standard 12 gauge. All such metal condensers shall be protected from external corrosion by an approved _____ coating.

insulation
plastic
bituminous
lead

Question 30: Sumps or condensers shall be provided with suitable means of access for _____.
servicing
flushing
cleaning
greasing

Question 31: Every indirect waste interceptor receiving discharge with particles that would clog the receptor drain must have a readily removable _____.
drain
dip pan
beehive strainer
mesh

Question 32: Chemical or industrial liquid wastes that are likely to damage or increase maintenance costs on the sanitary sewer system shall be _____.
ignored
stained with a die, so they can be sorted to the right disposal facility.
pretreated to render them innocuous prior to discharge into a drainage system.
taken out of the system and brought to a storage facility.

Question 33: Copper tube may be used for chemical or industrial wastes.
True
False

Question 34: The owner should maintain a permanent record of the locations of all piping and venting carrying _____.
indirect waste
normal waste
chemical waste
water

Question 35: A chemical vent can intersect vents for other services _____.
when it is the shortest route
when galvanized iron is used
when PVC is used
never

Question 36: Pipes carrying wastewater from a swimming pool, including pool drainage and backwash from filters, shall be installed as a(n) _____.
indirect waste
direct waste
chemical waste
industrial waste

Question 37: Air conditioner condensate waste can drain over a public way.
True
False

Quiz 4

Question 1: Vent piping is mandatory on an interceptor when such interceptor acts as a primary settling tank and discharges through a horizontal indirect waste pipe into a secondary interceptor. The second interceptor shall _____.
be sized smaller than the primary settling tank
also act as a second settling tank
be properly trapped and vented
have twice the area of the first

Question 2: Traps serving sinks that are part of bar equipment of bars need not to be vented when the location and construction of such bars is such as to make venting impossible. However when such conditions exist _____.

said sinks shall discharge by means of approved indirect waste pipes into a floor sink or other approved type of receptor
said sinks shall discharge by means of waste pipes into a floor sink or other approved type of receptor
said sinks will need to use PVC pipe
all of the above

Question 3: Iron, copper, brass, and porcelain can all be used as a vent pipes
True
False

Question 4: No _____ shall be used underground and shall be kept at least 6 inches aboveground
brass or copper pipe
porcelain or clay pipe
galvanized wrought-iron or galvanized steel pipe
Schedule 40 PVC DWV pipe

Question 5: _____ piping installations shall be installed in accordance with IS 5, IS 9, and chapter 15
Porcelain or clay
Brass or copper
Galvanized wrought-iron or galvanized steel
ABS and PVC DWV

Question 6: Copper tube for _____ and vent piping shall have a weight not less than that of copper drainage tube DWV.
a. venting
b. indirect waste
c. underground drainage
d. above ground drainage
c and d

Question 7: Copper tube shall not be used for chemical or _____ as defined in Section 811.0.
indirect waste
underground drainage
gravity drainage
industrial waste

Question 8: Hard-drawn copper tubing color-coded green is _____.
Type K
Type L
Type M
Type DWV

Question 9: Hard-drawn copper tubing color-coded blue is _____.
Type K
Type L
Type M
Type DWV

Question 10: Hard-drawn copper tubing color-coded red is _____.
Type K
Type L
Type M
Type DWV

Question 11: Hard-drawn copper tubing color-coded yellow is _____.
Type K
Type L
Type M
Type DWV

Question 12: Cast iron, galvanized malleable iron or galvanized steel, copper, brass, ABS, PVC, stainless steel 304 or 316L, can all be _____.
used underground
vent fittings
soldered
None of the above

Question 13: Stainless steel 304 pipe and fittings shall not be installed underground and shall be kept at least _____ aboveground.

5 inches
4 inches
6 inches
7 inches

Question 14: Changes in direction of vent piping shall be made by appropriate use of approved fittings, and pipe is allowed to be strained or bent.

True
False

Question 15: Per Table 75, no more than 1/3 of the _____ of any minimum sized vent shall be installed in a horizontal position.
width
height
total permitted length
area

Question 16: When a minimum sized vent is increased _____ the pipe size for its entire length, the maximum length limitation does not apply.

4 times
3 times
2 times
1 time

Question 17: A vent is connected to a horizontal drainage pipe. Each vent pipe has to have its invert taken off above the drainage centerline of such pipe downstream of the trap being served.

True
False

Question 18: A vent pipe extends undiminished in size above the roof and should be reconnected with a soil or waste vent of proper size.

True
False

Question 19: A vent pipe opening from a waste pipe, not from a water closet is below the weir of the trap. This meets code requirements.

True
False

Question 20: Two fixtures may be served by a common vertical pipe, when each such fixture wastes separately into an approved _____ fitting having inlet openings at the same level.

single
double
triple
quadruple

Question 21: Each vent pipe or stack shall extend through its flashing and shall terminate vertically not less than 6 inches above the roof nor less than 2 feet from any vertical surface.

True
False

Question 22: Each vent shall terminate not less than 10 feet from, or at least _____ feet above, any operable window, or door, nor less than 3 feet in every direction from any lot line, alley, and street.

1
2
3
4

Question 23: Vent pipes shall be extended separately or combined of full required size, not less than 6 inches above the _____.

floor
ground
ceiling
roof or fire wall

Question 24: Vent pipes for outdoor installation shall extend at least 10 feet above the surrounding ground and shall be _____ placed in an accessible area

marked as to make them more visible
securely supported
all of the above

Question 25: A joint at the roof around vent pipes must be made watertight by using approved flashings or flashing material.

True
False

Question 26: Where frost or snow closure is likely to occur in locations having a minimum design temperature below 0°F, vent terminals shall be a minimum of _____ in diameter, but in no event smaller than the required vent pipe.

1 inch
2 inches
3 inches
4 inches

Question 27: The yoke vent connection to the vent stack shall be placed not less than 42 inches above floor level, and the yoke vent connection to the drainage stack shall be by means of a _____ placed below the lowest drainage branch connection serving that connection.

check valve
beehive strainer
air gap
wye-branch fitting

Question 28: The dry vent connection to the wet vent shall be an individual vent or common vent for the _____

lavatory
bidet
shower
bathtub
All of the above

Question 29: The wet vent shall be sized based on the fixture unit discharge into the wet vent. The wet vent shall be a minimum size of 2 inches for 4 dfu or less, and _____ inches for more than 4 dfu.

2
3
4
5

Question 30: Combination _____ shall be permitted only where structural conditions preclude the installation of conventional systems as otherwise prescribed by this code

drainage and indirect waste
waste and vent systems
vent and HVAC
waste and indirect waste

Question 31: Tailpieces or connections shall be as short as possible, and in no case shall exceed _____ feet.

1.5
2
3
6

Quiz 5

Question 1: A multifamily residential building consists of common-walled residential buildings of four or fewer units that do not exceed two stories in height, are less than _____ square feet in area.

3000
4000
5000
6000

Question 2: The Uniform Plumbing Code is adopted by the Washington State Building Code Council pursuant to Chapters 19.27 and _____.

732.Wac
4.5.33 RC
70.92 RCW
70.29 RCW

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- Question 3: The Uniform Plumbing Code adopted by Chapter 5156 WAC shall become effective in all counties and cities of this state on July 1, 2007, unless local government residential amendments have been approved by the _____.
- Authority having Jurisdiction
State Building Code Council
State Building Code Committee
Federal Government
- Question 4: No person shall have the right to appeal a decision of the Authority Having Jurisdiction
- True
False
- Question 5: Under _____, a person can be certified by the Washington State Department of Health to inspect and test approved backflow assemblies.
- Chapter 246292 WAC
Chapter 249622 WAC
Chapter 3.44.01 RCW
Chapter 102.4.7 RCW
- Question 6: No certification shall be required for the installation of a plumbing system within the _____
- Authority having Jurisdiction
Occupant Residency
property lines and outside a building
building and outside the property lines
- Question 7: A vent pipe may be used as a soil or waste pipe and a soil or waste pipe may be used as a vent.
- True
False
- Question 8: No _____ pipe is to be installed or permitted outside of a building or in an exterior wall if adequate provisions are not made to protect such pipe from freezing.
- Drainage
PVC
water, soil, or waste
- Question 9: All _____ pipes installed outside the conditioned space shall be insulated to a minimum R3.
- indirect waste
PVC
water, soil, or waste
hot and cold water
- Question 10: The following standards shall be adopted as _____ for water closets and urinals
- Sizing and installation regulation
Plumbing materials, performance standards, and labeling standards
Industry approved fixture décor
safety regulations
- Question 11: The tank-type toilet is allowed a maximum of _____ gpf.
- 1.5
1.6
1.7
1.8
- Question 12: The maximum water use per flush allowed for any urinal is _____
- 1.0 gpf
1.5 gpf
2.0 gpf
2.5 gpf
- Question 13: If a urinal operates on a continuous flow shall it be permitted?
- yes
no
- Question 14: A Flushometer -valve toilet is allowed a maximum of _____ gpf.
- 1.5
1.6
1.7
1.8
- Question 15: The maximum water use allowed for any shower head is _____ gallons per minute.
- 2.0
2.5
3.0
3.5
- Question 16: What shower is the exception to 402.3.2.2?
- quick showers
public showers
emergency showers
there is no exception
- Question 17: The maximum water use allowed in gallons per minute for a lavatory faucet is _____.
- 2.0
2.5
3.0
3.5
- Question 18: Public restroom lavatory faucets shall be equipped with _____.
- soap dispensers
safety rails to aid the disabled
hot and cold taps
(self closing) metering valves
- Question 19: Day care center lavatory faucets intended for infant use require self closing metering valves.
- True
False
- Question 20: Self-closing metering valves shall be installed in public restrooms in a recreation center for persons with disabilities.
- True
False
- Question 21: Replacement aerators have a maximum of _____ gpm.
- 2.0
2.5
3.0
3.5
- Question 22: Flushometer tank toilets are allowed a maximum of _____ gpf.
- 1.5
1.6
1.7
1.8
- Question 23: The standards for water efficiency and labeling contained within _____ shall be in effect as of July 1, 1993.
- Section 402.3
Section 402.4
Section 402.2
Section 403.2
- Question 24: The maximum water use allowed for any shower head is _____ liters per minute.
- 9.0
9.5
10.0
10.5
- Question 25: Electromechanical hydraulic toilets can have a maximum _____ gpf
- 1.5
1.6
1.7
1.8

Question 26: Kitchen faucets can have a maximum of _____gpm.
 2.0
 2.5
 3.0
 3.5

Question 27: The standards for water efficiency and labeling contained within Section 402.3 shall be in effect as of July 1, 1993, as provided in _____ and amended July 1, 1998.
 RCW 19.27.107
 RCW 19.21.707
 RCW 19.27.170
 RCW 19.27.071

Question 28: A political subdivision may approve for installation any plumbing fixtures, even if the fixtures do not meet the standards as provided for in this Section.
 True
 False

Question 29: Floor drains shall be installed in laundry rooms in a commercial building.
 True
 False

Question 30: Floor drains are required in a non-dwelling unit toilet room which has one or more water closets
 True
 False

Question 31: The floor should slope toward the drain.
 True
 False

Question 32: Where applicable, the Authority Having Jurisdiction shall coordinate with the local water purveyor in all matters _____ concerning plumbing while working concerning cross-connection control within the property lines of the premises. concerning public health hazards

Question 33: No person shall install any water operated equipment or use any water treating chemical, if it is found that such equipment or chemical may cause contamination of the domestic water supply. Such equipment may be permitted however, when equipment _____ is required by law has an approved backflow prevention device or assembly has an approved indirect waste line saves lives

Question 34: The code requires that assemblies installed in a potable water supply system for protection against backflow be maintained in good working condition by the person having control of such device.
 True
 False

Question 35: The Authority Having Jurisdiction shall ensure that the responsible person shall have the backflow prevention assembly tested by a Washington State Department of Health certified backflow assembly tester: (1) at ___; and (2) at least on an annual schedule.
 the time of installation, repair, or relocation
 the time the backflow stops working
 the beginning of every work week
 none of the above

Question 36: Potable water supplies connecting to a system having no pumps shall be protected from backflow.
 True
 False

Question 37: Which device is not approved by 603.4.6.1?
 Spill –resistant pressure vacuum breaker

Reduced pressure back flow preventer
 A double check valve approved by the water purveyor
 A single check valve

Question 38: Potable water supplies connected to pressurized fire protection systems, excluding one or two-family residential flow-through, shall be protected from backpressure and back-siphonage by _____:
 a double check valve assembly
 a single check valve
 a beehive strainer
 a floor drain

Question 39: Standard Title for NFPA 99-2205 is for _____.
 Gas and Vacuum Systems
 Health Care Facilities
 Health Cross Connection Control
 none of the above