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Quiz 1 (701.0 – 712.3)

Question 1: Galvanized steel pipe shall be kept at least _____ above ground.

- 6 inches
- 7 inches
- 5 inches

Question 2: Vitrified clay pipe or fittings shall be used above ground or where pressurized by a pump or ejector.

- True
- False

Question 3: Vitrified clay pipe shall be kept at least _____ below ground.

- 11 inches
- 12 inches
- 13 inches
- 300 inches

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 answers provided

Question 5: _____ and fittings shall not be installed underground; in addition, they shall be kept at least 6 inches above ground.

- 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 answers provided

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

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Question 8: Connecting horizontal drainage lines can enter through 45-degree 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

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

- oval
- square
- triangular
- hexagonal

Question 11: Each cleanout fitting and cleanout plug or cap must be of a/n _____ type.

- new
- improvised
- approved
- all of the answers provided

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

- True
- False

Question 13: Each horizontal drainage pipe shall be provided with a/n _____ at its upper _____. Each run of piping that is 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
- 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 must be drained by gravity to the sewage disposal system.

- True
- False

Question 17: A fixture installed lower than the next upstream manhole cover must 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 _____ per minute.

- 15 gallons
- 20 gallons
- 25 gallons
- 30 gallons

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 answers provided

Question 20: A gravity drainage line connects to another horizontal drain line. The connection must 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

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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 must not be tested with air

Question 25: During a water test, the water shall 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 (713.0 – 722.5)

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 sidewalk
- all of the answers provided

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 not _____.

- be connected to any public sewer or to any building sewer lead into a public sewer
- be removed for health reasons
- be left alone
- have extra approved check valves installed

Question 5: All pipe, brick, and block _____ or other parts of 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
- both of the answers provided

Question 6: Building sewers shall be run in practical alignment and at a uniform slope of not less than 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

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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 a 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 _____.

- the street
- 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 shall 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 manhole

Question 14: The maximum distance between manholes shall not exceed _____.

- 300 inches
- 300 feet
- 300 yards
- all of the answers provided

Question 15: Every abandoned building sewer shall 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 (801.0 – 810.1)

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 fixture outlet to the flood-level rim of the receptor shall not be less than 1 inch.

- True
- False

Question 2: Establishments engaged in the storage, preparation, selling, serving, processing, etc. shall provide indirect waste piping for refrigerators, walk-in coolers, steam tables, egg boilers, and similar equipment.

- True
- False

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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 less than _____.

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

Question 4: The Indirect waste pipe for ice-making machines shall not be smaller than the drain on the unit, and shall not be less than 5/8 inch.

- True
- False

Question 5: The flood-level rim of the receptor shall not be less than _____ below the lowest floor drain.

- 1 inch
- 2 inches
- 4 inches
- 6 inches

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

Question 8: Waste shall discharge through _____ into a trapped and vented receptor, except that a full-size air gap is required where the indirect waste pipe is under vacuum.

- a check valve
- a full-size airgap
- an airgap or airbreak
- a PVC pipe

Question 9: The piping from the equipment to the receptor shall be not less than the drain on the unit, and in no case less than _____.

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

Question 10: Where the sink in a bar, soda fountain, or counter is located that the trap serving the sink cannot be vented, the sink shall discharge through _____ into an approved,

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

Question 11: 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 12: Indirect waste connections shall be provided for _____.

- drains
- overflows
- water heaters
- boilers
- all of the answers provided

Question 13: Stills, sterilizers, and similar equipment requiring waste connections and that are used to sterilize materials shall be indirectly connected by means of _____.

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

Question 14: Each indirect waste pipe shall be separately piped to the receptor and shall not exceed 15 feet in length. Such receptors shall be located _____.

- in the same building
- in a visible location
- in the same room

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Question 15: Appliances, devices, or apparatus not regularly classified as plumbing fixtures, but which have drip or drainage outlets, shall 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 answers provided

Question 16: No plumbing fixtures that are served by indirect waste pipes, or that receive discharge from those pipes, shall be installed until approved by the Authority Having Jurisdiction.

- True
- False

Question 17: No vent from indirect waste piping shall combine with any sewer-connected vent, but shall extend separately to _____.

- a public sewer
- a private sewer
- outside air
- inside air

Question 18: Indirect waste pipes between five feet and fifteen feet in length, shall be directly trapped, but such traps need not be vented.

- True
- False

Question 19: Indirect waste pipes less than _____ in length shall be not 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 of an inch.

- 5 feet
- 10 feet
- 15 feet
- 20 feet
- 30 feet

Question 20: Angles and changes of direction in indirect waste pipes shall be provided with _____ so as to permit flushing and cleaning.

- cleanouts
- check valves
- airgaps
- none of the answers provided

Question 21: 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
- of direct waste pipes

Question 22: No standpipe receptor for any clothes washer shall extend more than 30 inches, nor less than _____, above its trap.

- 12 inches
- 18 inches
- 24 inches
- 30 inches

Question 23: No trap for any clothes washer standpipe receptor shall be installed below the floor, but shall be roughed-in not less than _____, and not more than 18 inches above the floor.

- 5 inches
- 6 inches
- 7 inches
- 8 inches

Question 24: An indirect waste receptor can be installed in any toilet room, closet, cupboard, or storeroom.

- True
- False

Question 25: Where water service connections are installed for a clothes washer, an approved method of waste disposal shall be provided.

- True
- False

Question 26: Indirect waste connections shall be provided for _____, but not piping or equipment carrying wastes or producing wastes of other discharges under pressure.

- drains
- overflows
- relief vents
- all of the answers provided
- none of the answers provided

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Question 27: Appliances and similar equipment requiring water and waste, and that are used to sterilize materials, shall be drained through _____.

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

Question 28: Appliances, devices, equipment, or other apparatus not regularly classed as plumbing fixtures, which are equipped with pumps, drips, or drainage outlets, shall be _____ by indirect waste pipes discharging into an approved type of open receptor.

- connected
- drained
- attached
- emptied

Question 29: When undiluted condensate waste from a fuel-burning condensing appliance is discharged into the drainage system, the material in the drainage system shall be _____.

- pottery, ceramic or porcelain
- cast-iron, galvanized iron or plastic
- copper, brass or bronze
- none of the answers provided

Question 30: A domestic dishwasher shall 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 31: Listed _____ shall be installed with the flood-level marking at or above the flood level of the sink or drainboard, whichever is higher.

- check valves
- airgaps
- PVC pipe
- none of the answers provided

Question 32: Clean running water used exclusively as a cooling medium in an appliance, device, or apparatus shall be discharged into the drainage system through the inlet side of the fixture trap.

- True
- False

Question 33: Such a trap connection shall be by means of a pipe connected to the inlet side of an approved fixture trap and, the upper end termination in a funnel-shaped receptacle set adjacent, and not less than, _____ above the overflow rim.

- 4 inches
- 5 inches
- 6 inches
- 7 inches
- 8 inches

Question 34: A drinking fountain may be installed with indirect wastes.

- True
- False

Question 35: A steam pipe may be directly connected to any part of a plumbing or drainage system.

- True
- False

Question 36: Water above 140°F may be discharged under pressure into any part of a drainage system.

- True
- False

Question 37: Such pipes shall be indirectly connected by discharging into an open or closed condenser or intercepting sump of an approved type.

- True
- False

Quiz 4 (810.1 – 902.1)

Question 1: Condensers and sumps shall be properly trapped at the outlet with a deep seal trap extending to within _____ of the bottom of the tank.

- 3 inches
- 4 inches
- 6 inches
- 8 inches

Question 2: The top of the deep seal trap shall have a _____ opening located at the highest point of the trap.

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

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Question 3: Wearing plates or baffles shall be installed in the tank to protect the shell.

- True
- False

Question 4: Intercepting tanks constructed of concrete shall have walls and bottom, not less than _____ in thickness.

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

Question 5: Condensers constructed of metal shall be not less than U.S. standard 12 gauge. All metal condensers shall be protected from external corrosion by an approved _____ coating.

- insulation
- plastic
- bituminous
- lead

Question 6: Sumps or condensers shall be provided with suitable means of access for _____.

- servicing
- flushing
- cleaning
- greasing

Question 7: In Table 8-1, if the boiler blowoff valve is 1-1/2 inch, what must the water outlet be?

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

Question 8: In table 8-1, if you have a vent size of 125mm, what water and blowoff valve size will you need?

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

Question 9: Every indirect waste interceptor receiving discharge with particles that can clog the receptor drain must have a readily removable _____.

- drain
- dip pan

- beehive strainer
- mesh

Question 10: Chemical or industrial liquid wastes that are likely to damage or increase maintenance costs on a sanitary sewer system shall _____.

- be ignored
- detrimentally affect sewage treatment
- be pretreated to render them innocuous prior to discharge into a drainage system
- be taken out of the system and brought to a storage facility

Question 11: Drainage discharge piping from pretreatment facilities or interceptors shall not conform to standard drainage installation procedures.

- True
- False

Question 12: Copper tube may be used for chemical or industrial wastes.

- True
- False

Question 13: Joining materials shall be of approved type and quality.

- True
- False

Question 14: Wherever practicable, piping shall be readily accessible and installed with clearance for other services.

- no
- the minimum
- the maximum
- all of the answers provided
- none of the answers provided

Question 15: The owner must maintain a permanent record of the locations of all piping and venting carrying _____.

- indirect waste
- normal waste
- chemical waste
- water

Question 16: No chemical vent shall intersect vents for other services.

- True
- False

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Question 17: Chemical wastes shall not be discharged in a manner approved by the Authority Having Jurisdiction.

- True
- False

Question 18: _____, sprinkler systems, and drip or overflow pans shall discharge through an indirect waste.

- clay pipes, air tanks, heating tanks
- water lifts, expansion tanks, cooling jackets
- PVC pipes, galvanized pipes, cooling tanks

Question 19: Pipes carrying wastewater from a swimming pool, including pool drainage and backwash from filters, shall be installed as _____.

- an indirect waste
- a direct waste
- a chemical waste
- an industrial waste

Question 20: Where a pump is used to discharge waste pool water to a drainage system, the pump discharge shall not be installed as an indirect waste.

- True
- False

Question 21: If discharged into the drainage system, equipment shall drain by means of an indirect waste pipe. The waste pipe shall have a slope of not less than _____ per foot.

- 1 inch
- 1/2 inch
- 1/8 inch
- 1/16 inch

Question 22: Condensate or wastewater shall not drain over a public way.

- True
- False

Question 23: In table 8-2, if the size of the waste pipe is 1-1/2 inches, how much refrigeration will come out?

- 21-40 tons
- 41-90 tons
- 91-125 tons
- 126-250 tons

Question 24: In table 8-2, if the size of the waste pipe is 2 inches, how much refrigeration will come out?

- 21-40 tons

- 41-90 tons
- 91-125 tons
- 126-250 tons

Question 25: In table 8-2, if any drainage or waste system is condensing about 54 tons, what is the appropriate size of piping?

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

Question 26: In table 8-2, if any drainage or waste system is condensing about 126 tons, what is the appropriate size of piping?

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

Question 27: Air-conditioning waste pipes shall be constructed of materials specified in _____.

- Chapter 2
- Chapter 6
- Chapter 7
- Chapter 12
- Chapter 16

Question 28: Air-conditioning condensate waste pipes shall connect indirectly to the drainage system through _____ to a properly trapped and vented receptor.

- a PVC pipe
- an airgap or airbreak
- a vent pipe
- a drainage pipe

Question 29: Each plumbing fixture trap shall be protected against siphonage and back-pressure, and air circulation shall be ensured throughout all parts of the drainage system.

- True
- False

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Question 30: The vent system shall be designed to prevent a trap seal from being exposed to a pressure differential that exceeds _____ of a water column (249 Pa) on the outlet side of the trap.

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

Question 31: Is a vent pipe 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 secondary interceptor shall be trapped and vented.

- Yes
- No

Quiz 5 (902.2 – 911.2)

Question 1: Traps serving sinks that are part of bar equipment do not need to be vented when the location and construction of the bar is such that it makes 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 need to use PVC pipe
- all of the answers provided

Question 2: Vent pipe and fittings shall be in accordance with the applicable standards.

- True
- False

Question 3: No _____ shall be used underground, and shall be kept at least 6 inches above ground.

- brass or copper pipe
- porcelain or clay pipe
- galvanized steel or 304 stainless steel pipe
- schedule 40 PVC DWV pipe

Question 4: _____ piping installations shall be installed in accordance with applicable standards.

- Porcelain or clay
- Brass or copper
- Galvanized wrought-iron or galvanized steel pipe

- ABS and PVC DWV

Question 5: Copper tube for _____ and vent piping shall have a weight not less than that of copper drainage tube DWV.

- venting
- indirect waste
- underground drainage
- above ground drainage
- none of the answers provided

Question 6: Copper tube for above ground drainage and vent piping shall have a weight _____ that of copper drainage tube type DWV.

- lighter than
- not less than
- heavier than
- equal to

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

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Question 11: Hard-drawn copper tubing color-coded yellow is _____.

- Type K
- Type L
- Type M
- Type DWV

Question 12: Changes in direction of vent piping shall be made by the appropriate use of approved fittings, and no such piping shall be strained or bent. Burred ends shall be reamed to the full bore of the piping.

- True
- False

Question 13: The size of vent piping shall be determined from its length and the total number of fixture units connected to it, as set forth in _____.

- Table 8-1
- Table 7-5
- Table 7-7
- Table 9-1

Question 14: The diameter of an individual vent shall not be less than 1-1/4 inches nor less than _____ the diameter of the drain to which it is connected.

- 1/4
- 3/4
- 1/2
- or equal to

Question 15: Vent pipes from fixtures located upstream from pumps shall not be used for the cross-sectional area venting requirements of this section.

- True
- False

Question 16: Per Table 7-5, 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 17: When a minimum-sized vent is increased _____ sizes for its entire length, the maximum length limitation does not apply.

- 4 pipe
- 3 pipe
- 2 pipe

- 1 pipe

Question 18: Vent and branch vent pipes shall be free from drops or sags, and each such vent shall be level or shall be graded and connected so that it drips back by gravity to the drainage pipe it serves.

- True
- False

Question 19: If 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 20: Unless prohibited by structural conditions, each vent shall rise vertically to a point not less than _____ above the flood-level rim of the plumbing fixture served before offsetting horizontally.

- 2 inches
- 4 inches
- 6 inches
- 8 inches

Question 21: Whenever two or more vent pipes converge, each vent pipe shall rise to a point not less than _____ above the flood-level rim of the plumbing fixture served before being connected to any other vent.

- 2 inches
- 4 inches
- 6 inches
- 8 inches

Question 22: Vents less than six inches _____ rim of the fixture served shall be installed with approved drainage fittings.

- below the flood-level
- from the flood-level
- above the flood-level
- none of the answers provided

Question 23: A vent pipe extends undiminished in size above the roof and shall be reconnected with a soil or waste vent of proper size.

- True
- False

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Question 24: A vent pipe opening from a soil or waste pipe, not from a water closet, is below the weir of the trap. This meets code requirements.

- True
- False

Question 25: Two fixtures may be served by a common vertical pipe, when each fixture discharges wastes separately into an approved _____ fitting having inlet openings at the same level.

- single
- double
- triple
- quadruple

Question 26: 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 27: Each vent shall terminate not less than 10 feet from, or at least _____ above, any operable window, or door, nor less than 3 feet in any direction from a lot line, alley, and street.

- 1 foot
- 2 feet
- 3 feet
- 4 feet

Question 28: 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 29: Vents used within 10 feet of any part of the roof that is used for other purposes shall extend not less than _____ above the roof and shall be securely stayed.

- 3 feet
- 5 feet
- 6 feet
- 7 feet

Question 30: Vent pipes for outdoor installation shall extend at least 10 feet above the surrounding ground and shall be _____.

- placed in an accessible area
- marked to make them more visible
- securely supported
- all of the answers provided

Question 31: Joints at the roof around vent pipes must be made watertight by using approved flashings or flashing material.

- True
- False

Question 32: Lead bends and lead traps shall not be less than _____ wall thickness.

- 1/2 inch
- 1/4 inch
- 1/8 inch
- 1/16 inch

Question 33: 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 34: The change in diameter shall be made inside the building not less than _____ below the roof in an insulated space.

- 1/2 inch
- 8 inches
- 12 inches
- 16 inches

Question 35: Each drainage stack that extends _____ or more stories above the building drain shall be served by a parallel vent stack.

- 2
- 5
- 8
- 10
- 12

2009 UPC Chapters 7, 8, 9, Questions

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Question 36: 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/n _____ placed below the lowest drainage branch connection serving that connection.

- check valve
- beehive strainer
- airgap
- wye-branch fitting

Question 37: 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 answers provided

Question 38: Only _____ shall discharge upstream of the dry-vented fixture drain connection.

- 1 wet-vented fixture drain or trap arm
- 3 wet-vented fixture drains or trap arms
- 5 wet-vented fixture drains or trap arms
- 10 wet-vented fixture drains or trap arms

Question 39: The wet vent shall be sized based on the fixture unit discharge into the wet vent.

- True
- False