

Name _____

License No. _____

Fee - \$30.00

2020 Continuing Education Correspondence Course

To receive credit for continuing education, a minimum of 75% correct is required to pass this open book correspondence course. If you score less than 75%, you will be required to retake the course until you receive a passing grade. Answers to the following questions can be found in the 2018 North Dakota Plumbing Code.

1. What is the adopted plumbing code for the state of North Dakota?

2. What are the areas where floor drains shall be installed?

3. What is the total drainage fixture unit value for a single-family home with one kitchen sink; one laundry sink; one bathtub; one lavatory; and one 1.6-gallon gravity tank type water closet?

4. Hot water delivered from public use lavatories shall be limited to a maximum of what temperature?

5. The minimum air gap to afford backflow protection shall be in accordance with what table?

6. What is the device installed in a drainage system to prevent reverse flow?

7. When an oil and flammable liquid interceptor is provided with an overflow, where shall it discharge to?

8. What device is designed to provide protection against hydraulic shock in building water supply systems?

9. What is the total number of water closets allowed on a 3-inch stack?

10. What is the maximum length allowed for a 1½-inch vent?

11. In question 10, what is the total length allowed to be installed on the horizontal?

12. What is the total developed length allowed for a 2-inch trap arm?

13. The vertical distance between a fixture outlet and the trap weir shall not exceed?

14. What is the drainage fixture unit value of a public service sink or mop basin?

15. Cleanouts may be omitted on a horizontal drain line that is less than 5 feet in length, except for which fixtures?

16. In water supply systems, when are expansion tanks required?

17. A sewage ejector receiving the discharge of water closets or urinals shall have a minimum discharge capacity of how many gallons per minute?

18. What is the maximum temperature of any water discharging under pressure directly into any part of a plumbing or drainage system?

19. What is the minimum length of the liquid seal for each fixture trap?

20. What is the maximum loading for a 2-inch trap?

21. The static water pressure at the water meter is 80 psi. At a supply outlet 40 feet above the meter, the static water pressure would be approximately how many psi?

22. Other than an airgap, what shall a potable water supply to carbonators be protected by?

23. Where shall food preparation sinks drain by indirect waste to?

24. No person shall cover or conceal any work regulated by code until is inspected and approved by who?

25. What is the water supply fixture unit value for a public use bar sink?

26. Where shall no-hub cast iron piping, that are 5 foot lengths being installed horizontally aboveground be supported?

27. What is the minimum length and maximum length of a standpipe for a clothes washer?

28. One trap may serve a set of three single-compartment sinks, where the waste outlets are not more than how many inches apart?

29. As defined in the code, what is a stack?

30. The aggregate cross section area of all vents, for a system with a required 4-inch sewer shall be at least how many square inches?

31. A pressure regulator is required when the local water pressure is in excess of how many pounds per square inch?

32. What is the minimum uniform slope per foot for a 3-inch horizontal drainage pipe?

33. What shall be provided to the upper terminal of each horizontal drainage piping?

34. What is the minimum distance between the center of a water closet and a finished side wall or partition?

35. A floor drain normally requires a 2-inch trap and a 2-inch waste line. In a combination waste and vent system, what is the minimum size of the trap and waste line?
