

Continuing Education, For UDC Construction Inspectors and Dwelling Contractor Qualifiers.

The following test is for Continuing Education Credits for the above mentioned Licenses and Credentials, All answers are found in the Wisconsin Uniform Dwelling Code Book in comm. 20, 21, and 22. For your convenience we have included the PDF's for comm 20, comm 21 and comm 22 on the homepage of this website. Please call Brett at (920) 740-4348 with any questions or concerns with this or any other issue you may have.

All questions have a correct answer that can be found in the codebook, when your test is completed read the information at the bottom of the page and send the proper items in to obtain your credit

Construction Inspection/Qualifier Cont. Ed. Test 4

Comm 20 Subchapter III: Definitions

1. _____ means the vertical load due to all permanent structural and nonstructural components of the building such as joists, rafters, sheathing, finishes and construction assemblies such as walls, partitions, floors, ceilings and roofs, and systems.
 - a. Dead load
 - b. Allowable stress
 - c. Live load
 - d. Actual load

2. _____ means an unenclosed exterior structure, attached or adjacent to the exterior wall of a building, which has a floor, but no roof.
 - a. Deck
 - b. Balcony
 - c. Landing
 - d. Veranda

3. _____ means the department of commerce.
 - a. Department
 - b. Division
 - c. Branch
 - d. Local office

4. _____ means any building which is not physically connected to the dwelling.
 - a. Accessory building
 - b. Renovation
 - c. Detached building
 - d. Addition

5. _____ means a device or seal approved by the department to certify compliance with this code.
 - a. Wisconsin crest
 - b. Wisconsin insignia
 - c. Wisconsin stamp
 - d. Wisconsin qualified

6. _____ means air that is provided for the purpose of mixing with flue gases in a draft hood or draft regulator.
 - a. Concentration air
 - b. Dilution air
 - c. Moisture-laden emission
 - d. Aeration

7. _____ means a gas-burning appliance that is constructed and installed so that all air for combustion is derived directly from the outside atmosphere and all flue gases are discharged to the outside atmosphere.
- Direct vent-appliance
 - Co-axial venting
 - Vertical venting
 - Field direct vent system
8. _____ means a method that collects, stores and converts by bacterial digestion nonliquid-carried human wastes or organic kitchen wastes, or both, into humus.
- Composting toilet system
 - Septic system
 - Organic toilet system
 - Arborloo
9. _____ means any building, the initial construction of which is commenced on or after the effective date of this code, which contains one or 2 dwelling units.
- Occupancy
 - Real estate
 - Dwelling
 - Property
10. _____ means any person, firm or corporation engaged in the business of performing erosion control or construction works such as framing, roofing, siding, insulating, masonry or window replacement work covered under this code and who takes out a building permit.
- Qualifier certification
 - Eligible contractor
 - Construction contractor
 - Dwelling contractor
11. _____ means a vertical flue or passageway to vent fuel-burning appliances.
- Volcano
 - Vent
 - Flue
 - Duct
12. _____ is a connector between a fuel-burning appliance and the chimney or vent.
- Duct
 - Flue
 - Vent
 - Vent connector

13. Dwelling contractor does not include the owner of an existing dwelling, an owner who will reside in a new dwelling or a person, firm or corporation engaging exclusively in electrical, plumbing, heating, ventilating and air conditioning work.

- a. True
- b. False

14. _____ means the detachment and movement of soil, sediment or rock fragments by water, wind, ice, or gravity.

- a. Weathering
- b. Erosion
- c. Sedimentation
- d. Soil compaction

15. _____ means a direct, continuous, unobstructed means of egress from inside the dwelling to the exterior of the dwelling.

- a. Entrance
- b. Outlet
- c. Foyer
- d. Exit

16. _____ means any structure, or that part of a structure, which is used or intended to be used as a home, residence or sleeping place by one person or by 2 or more persons maintaining a common household, to the exclusion of all others.

- a. Accessory dwelling unit
- b. Dwelling unit
- c. Residential unit
- d. Structural unit

17. _____ means a detached building, not used as a dwelling unit but is incidental to that of the main building and which is located on the same lot. _____ does not mean farm building.

- a. Accessory structure
- b. Secondary building
- c. Habitable building
- d. Accessory building

18. _____ is defined to be the area which is planted and cultivated.

- a. Premises
- b. Farm premises
- c. Farm
- d. Acreage

19. _____ are defined as agricultural, horticultural and arboricultural crops.

- a. Farming
- b. Farm production
- c. Farm products
- d. Free range products

20. _____ means the operation of a farm premises owned or rented by the operator.

- a. Agriculture
- b. Horticulture
- c. Arboriculture
- d. Farming

Comm 21.04: Stairways and elevated areas.

21. Stairways with open risers shall be constructed to prevent the through-passage of a sphere with a diameter of 4 inches or larger between any 2 _____ treads.

- a. Contiguous
- b. Parallel
- c. Reinforced
- d. Adjacent

22. Handrails and guardrails shall be constructed to withstand a _____ pound load applied in any direction.

- a. 50
- b. 75
- c. 100
- d. 200

23. A landing is not required between the door and the top of the interior stairs if the door does not _____ the stairs.

- a. Affect
- b. Infringe on
- c. Rest on
- d. Swing over

24. A landing is not required between a sliding glass door and the top of an exterior stairway of _____ or fewer risers.

- a. 3
- b. 2
- c. 4
- d. 5

Comm 21.042: Ladders

25. Rungs may only be used for ladders with a pitch range of 75 degrees to _____ degrees.

- a. 80
- b. 85
- c. 95
- d. 90

26. Rungs shall be at least 1 inch in diameter for metal ladders and _____ inch for wood ladders.

- a. 1.5
- b. 1
- c. 2
- d. 2.5

27. The ladder shall have a _____ clearance of at least 15 inches on either side of the center of the tread.

- a. Maximum
- b. Minimum
- c. Total
- d. Overall

Comm 21.045 Ramps

28. A level landing shall be provided at the top, at the foot and at any change in _____ of the ramp.

- a. Width
- b. Height
- c. Elevation
- d. Direction

Comm 21.05: Light and ventilation

29. All habitable rooms shall be provided with natural light by means of _____ openings.

- a. Energy efficient
- b. Thermalized
- c. Glazed
- d. Operative

30. Habitable rooms, other than bedrooms, located in basements or ground floors do require natural light.

- a. True
- b. False

31. All decayable organic material, including topsoil, shall be removed from crawl space floors prior to placing the vapor retarder.

- a. True
- b. False

Comm 21.06: Ceiling height

32. All habitable rooms, kitchens, hallways, bathrooms and corridors shall have a ceiling height of at least _____ feet.

- a. 6
- b. 8
- c. 9
- d. 7

Comm 21.08: Fire separation and dwelling unit separation

33. Vertical separations between an attached garage and a dwelling shall extend from the top of a concrete or masonry foundation to the underside of the _____ or fire-resistive ceiling construction.

- a. Built-up roofing
- b. Roof sheathing
- c. Gable ends
- d. Trusses

34. The cover or door of the access opening shall be permanently installed with hardware that will maintain it in the _____ position when not in use.

- a. Closed
- b. Open
- c. Secured
- d. Correct

35. Penetrations of a required separation by electrical and plumbing components shall be firmly packed with noncombustible material or shall be protected with a listed through-penetration firestop system with a rating of at least _____ hour(s).

- a. Two
- b. One-quarter
- c. One-half
- d. One

Comm 21.085: Fireblocking

36. Fireblocking shall consist of one of the following EXCEPT:

- a. 1-inch nominal lumber
- b. Two layers of one-inch nominal lumber
- c. One thickness of ¾ inch nominal plywood or wood structural panel with any joints backed with the same material.
- d. One thickness of ½ inch gypsum wallboard, faced nailed or faced screwed to solid wood, with any joints backed with the same material.

Comm 21.09: Smoke detectors

37. Smoke detectors required in this section shall be _____ powered by the house electrical service, and shall be interconnected so that activation of one detector will cause activation of all detectors.

- a. Intermittently
- b. Additionally
- c. Continuously
- d. Automatically

38. Where there is a(n) _____ door between one level and the adjacent lower level, smoke detectors shall be installed on each level.

- a. Intervening
- b. Pocket
- c. Hinged
- d. Swing

39. For envelope dwellings, at least _____ smoke alarm(s) shall be placed in the air passageways.

- a. 4
- b. 1
- c. 2
- d. 3

Comm 21.125: Erosion control and sediment control

40. Land disturbing construction activities, except those activities _____ to implement erosion or sediment control practices, may not begin until the sediment control practices are in place for each area to be disturbed in accordance with the approved plan.

- a. Established
- b. Permitted
- c. Mandated
- d. Necessary

Comm 22 Subchapter II — Definitions

41. _____ means an electrical fixture tested and listed by an independent testing laboratory as being suitable for installation in a cavity where the fixture may be in direct contact with thermal insulation or combustible materials.

- a. Infiltration
- b. Mass wall
- c. Opaque area
- d. C-rated

42. _____ wall means a wall of concrete block, concrete, insulated concrete forms, masonry cavity, brick other than brick veneer, earth and solid timber or logs.

- a. Retaining
- b. Marriage
- c. Mass
- d. Free standing

43. _____ areas means all exposed areas of a dwelling envelope which enclose conditioned space except openings for windows, skylights, doors and dwelling service systems.

- a. Opaque
- b. Large
- c. Exposed
- d. Transparent

44. Proposed _____ means a description of the proposed dwelling used to estimate annual energy use for determining compliance based on total building performance.

- a. Design
- b. Prototype
- c. Principles
- d. None of the above

45. Renewable energy sources means sources of energy, excluding minerals and petroleum products, derived from incoming _____, lake or pond thermal differences and from the internal heat of the earth.

- a. Solar radiation
- b. Trees and other plants
- c. Wind, waves and tides
- d. All of the above

46. _____ assembly means all components of the roof and ceiling envelope through which heat flows, thus creating a building transmission heat loss or gain, where such assembly is exposed to outdoor air and encloses a heated space. Any skylight shaft walls less than 12 inches in depth, as measured from the ceiling plane to the roof deck, are considered in the roof assembly and are not considered in the area of exterior walls.

- a. Maven
- b. Roof
- c. Automatic
- d. Hub

47. _____ means a one-story structure attached to a dwelling with a glazing area in excess of 40% of the gross area of the structure's exterior walls and roof.

- a. Garden room
- b. Covered porch
- c. Sun room
- d. Moon room

48. Note: A thermally isolated sun room _____ count in the calculation of amount of glazing.

- a. Does not
- b. Does
- c. Should
- d. May

49. System means a combination of central or terminal equipment and their components, controls, accessories, interconnecting means, and terminal devices by which energy is transformed so as to perform a specific function, such as _____.

- a. HVAC,
- b. Water heating
- c. Illumination
- d. a, b, OR c

50. _____ means a measure of the ability to retard the flow of heat. The R-value is the reciprocal of thermal transmittance or U-factor expressed as $R = 1/U$.

- a. Thermal resistance
- b. R-value
- c. a OR b
- d. U-factor

51. Note: The _____ the R-value of a material, the more difficult it is for heat to be transmitted through the material.

- a. Higher
- b. Lower
- c. Poorer
- d. None of the above

52. _____ means the time rate of heat flow through a body or assembly which is located between 2 different environments, expressed in Btu/h • ft.² • °F. The U-factor applies to combinations of different materials used in series along the heat flow path and also to single materials that comprise a dwelling section, including cavity air spaces and air films on both sides of a dwelling element.

- a. Thermal transmittance
- b. U factor
- c. R-value
- d. a OR b

53. Note: The higher the U-factor of a material, the more difficult it is for heat to be transmitted through the material.

- a. True
- b. False

54. Note: The thermal transmittance is also referred to as the _____.

- a. Coefficient of heat transfer
- b. Coefficient of heat transmission
- c. a OR b
- d. Thermal conductivity

55. _____ means physically and thermally separated with separate zone or separate equipment controls for space heating.

- a. Thermostat
- b. Thermally isolated
- c. Ventilation
- d. Zone

56. _____ means an automatic control device actuated by temperature and designed to be responsive to temperature.

- a. Thermostat
- b. Thermally isolated
- c. Ventilation
- d. Zone

57. _____ means the process of supplying or removing air by natural or mechanical means to or from any space. The air may or may not have been conditioned.

- a. Thermostat
- b. Ventilation
- c. Zone
- d. Thermally isolated

58. _____ means a space or group of spaces within a dwelling with heating requirements sufficiently similar so that comfort conditions can be maintained throughout by a single controlling device.

- a. Thermostat
- b. Zone
- c. Ventilation
- d. Thermally isolated

Subchapter III — Insulation Materials and Installation
Comm 22.20 Basic requirements.

59. When available, information and values on thermal properties, performance of building envelope sections and components, and heat transfer shall be obtained from the _____.

- a. DOE Fundamental Handbook
- b. ASHRAE Handbook of Fundamentals
- c. Electrical Science Fundamentals Handbook
- d. Reading is Fundamental

60. Insulation material used in layers, such as _____ shall be summed to compute the component R-value.

- a. Framing cavity insulation
- b. Insulating sheathing
- c. a AND b
- d. None of the above

61. The manufacturer's settled R-value shall be used for _____ insulation.

- a. Rigid
- b. Foamed in place
- c. Blown
- d. Blanket

Construction Inspection/Qualifier Cont. Ed. Test 4

Answer Sheet

Circle or Mark the Correct Answer

- | | | | | | | | | | |
|-----|---|---|---|---|-----|---|---|---|---|
| 1. | a | b | c | d | 49. | a | b | c | d |
| 2. | a | b | c | d | 50. | a | b | c | d |
| 3. | a | b | c | d | 51. | a | b | c | d |
| 4. | a | b | c | d | 52. | a | b | c | d |
| 5. | a | b | c | d | 53. | a | b | c | d |
| 6. | a | b | c | d | 54. | a | b | c | d |
| 7. | a | b | c | d | 55. | a | b | c | d |
| 8. | a | b | c | d | 56. | a | b | c | d |
| 9. | a | b | c | d | 57. | a | b | c | d |
| 10. | a | b | c | d | 58. | a | b | c | d |
| 11. | a | b | c | d | 59. | a | b | c | d |
| 12. | a | b | c | d | 60. | a | b | c | d |
| 13. | a | b | c | d | 61. | a | b | c | d |
| 14. | a | b | c | d | | | | | |
| 15. | a | b | c | d | | | | | |
| 16. | a | b | c | d | | | | | |
| 17. | a | b | c | d | | | | | |
| 18. | a | b | c | d | | | | | |
| 19. | a | b | c | d | | | | | |
| 20. | a | b | c | d | | | | | |
| 21. | a | b | c | d | | | | | |
| 22. | a | b | c | d | | | | | |
| 23. | a | b | c | d | | | | | |
| 24. | a | b | c | d | | | | | |
| 25. | a | b | c | d | | | | | |
| 26. | a | b | c | d | | | | | |
| 27. | a | b | c | d | | | | | |
| 28. | a | b | c | d | | | | | |
| 29. | a | b | c | d | | | | | |
| 30. | a | b | c | d | | | | | |
| 31. | a | b | c | d | | | | | |
| 32. | a | b | c | d | | | | | |
| 33. | a | b | c | d | | | | | |
| 34. | a | b | c | d | | | | | |
| 35. | a | b | c | d | | | | | |
| 36. | a | b | c | d | | | | | |
| 37. | a | b | c | d | | | | | |
| 38. | a | b | c | d | | | | | |
| 39. | a | b | c | d | | | | | |
| 40. | a | b | c | d | | | | | |
| 41. | a | b | c | d | | | | | |
| 42. | a | b | c | d | | | | | |
| 43. | a | b | c | d | | | | | |
| 44. | a | b | c | d | | | | | |
| 45. | a | b | c | d | | | | | |
| 46. | a | b | c | d | | | | | |
| 47. | a | b | c | d | | | | | |
| 48. | a | b | c | d | | | | | |

Name and Credential Number

Date

To obtain your WI continuing education credits follow the below instructions.

1. If taking the same quiz more than once per cycle, fill out the forms with different dates.
2. Fill in all fields applicable.
3. Include your credential or license number.
4. We take care of registering with the state and mailing back the test results.

FYI: The state allows a person to take the same course more than once (several times) per cycle.

Send by mail

1. Test answer sheets, fee, and the following form.
 2. Fill out this form below completely.
 3. Make check or Money Order to Brett Or Kathy Ward
 4. Mail to: Yourwicontinuing.com P.O. Box 36 Kaukauna WI 54130.
- Questions call: 920-740-4348

-----Educational Course Attendance Verification Form -----

Attendee's Name _____

Address _____

Date _____

Credential Number _____

Phone# _____

Fax# _____

Course Title and Name Construction Inspection/Qualifier Cont. Ed. Test 4

Credited Hours 2 hrs

Email address _____

To be completed by Brett or Kathy Ward yourwicontinuing.com

Course Password _____ Course ID# 10182

Attendee passed the correspondence quiz with greater than 70% score _____
Date

Instructor Signature _____