

## Wisconsin Commercial Building Inspector Certification Practice Exam (2)

1. An automatic sprinkler system shall be provided for Group A-2 occupancies where the fire area has an occupant load of \_\_\_\_\_ or more.
  - a. 300
  - b. **100**
  - c. 500
  - d. 200

**s. 903.2.1.2**
  
2. The live loads used in the design of a library reading room shall not be less than \_\_\_\_ psf uniformly distributed and \_\_\_\_ psf concentrated live load.
  - a. 80, 1,000
  - b. 150, 1,000
  - c. **60, 1,000**
  - d. 100, 2,000

**Table 1607.1**
  
3. Wood headers shall be of adequate size to transfer loads to \_\_\_\_\_.
  - a. **vertical members**
  - b. beams
  - c. the foundation
  - d. secondary members

**s. 2304.3.2**
  
4. \_\_\_\_\_ shall have sufficient structural stability under fire conditions to allow collapse of construction on either side without collapse of the wall for the duration of time indicated.
  - a. **Fire walls**
  - b. Fire barriers
  - c. Exterior walls
  - d. Shaft walls

**s. 705.2**
  
5. The 42" guard height is measured vertically from \_\_\_\_\_.
  - a. the leading edge of the tread
  - b. adjacent walking surface
  - c. adjacent seatboard
  - d. **all of the above**

**s. 1013.2**
  
6. The exit access travel distance for a retail store protected by a fire sprinkler system is \_\_\_\_\_.
  - a. 200 feet
  - b. 300 feet
  - c. **250 feet**
  - d. 400 feet

**Table 1016.1**

7. Weep holes shall be not less than \_\_\_\_\_ in diameter.
- 3/16 inch**
  - 1/4 inch
  - 1/2 inch
  - 3/4 inch
- s. 2104.1.8**
8. A mezzanine shall be open and unobstructed to the room in which such mezzanine is located except for walls not more than \_\_\_\_\_ high.
- 36 inches
  - 42 inches**
  - 48 inches
  - 60 inches
- s 505.4**
9. Compliance with this code does not relieve the \_\_\_\_\_ of a public building or place of employment from compliance with the administrative rules established by other state jurisdictions.
- designer
  - supervising professional
  - contractor
  - owner**
- s. 61.20**
10. Plans for the types of public buildings and places of employment and components thereof delineated in Table \_\_\_\_\_ do not need to be submitted.
- 61.30-1
  - 61.30-3
  - 61.30-2**
  - 61.30
- s. 61.30**
11. Exit enclosures, exit passageways or horizontal exits are separated by \_\_\_\_\_.
- fire walls
  - fire partitions
  - fire barriers**
  - rated enclosure walls
- s. 706.3**
12. The ground snow loads to be used in determining the design snow loads for roofs shall be determined in accordance with \_\_\_\_\_ or figure 1608.2.
- ASCE 7**
  - AISI
  - ASTM D 6381
  - ACI 318
- s. 1608.2**
13. Material of the minimum nominal thickness specified in Table \_\_\_\_\_ shall be acceptable as approved weather coverings.
- 1405.3
  - 1405.2**
  - 1605.2
  - 1406.2
- s. 1405.2**

14. Buildings of type IIB, IIIB and VB equipped with an automatic fire sprinkler system can reduce the dwelling and sleeping unit separation to not less than \_\_\_\_\_.

- a. 15 minutes
- b. 1 hour
- c. **½ hour**
- d. 20 minutes

**s. 708.3**

15. The maximum number of control areas on any floor is \_\_\_\_\_.

- a. two
- b. three
- c. **four**
- d. unlimited when sprinklered

**Table 414.2.2**

16. A self service storage facility with 150 spaces is required to provide the minimum of \_\_\_\_\_ accessible spaces.

- a. **5%**
- b. 10%
- c. 25%
- d. 15%

**Table 1108.3**

17. Decreases in wind loads shall not be made for the effect of \_\_\_\_\_ other structures.

- a. proximity to
- b. height of
- c. shape of
- d. **shielding by**

**s. 1609.1**

18. The ground snow load of \_\_\_\_\_ can be assumed for Door County.

- a. 55 psf
- b. **50 psf**
- c. 45 psf
- d. 40 psf

**s. 1608**

19. Design snow loads shall be determined in accordance with Chapter 7 of \_\_\_\_\_.

- a. ASTM D 6381
- b. AISI
- c. ACI 318
- d. **ASCE 7**

**s. 1608.1**

20. Where two means of egress are provided from both floors served by an unenclosed stairway \_\_\_\_\_ of egress stairways are not required to be enclosed.

- a. 25%
- b. two
- c. **50%**
- d. 75%

**s. 1020.1, exception 8**

21. Each required accessible means of egress shall be continuous to \_\_\_\_\_.
- a. **a public way**
  - b. an exit
  - c. an area of refuge
  - d. a rated stair enclosure
- s. 1007.2**
22. The clear width of 48 inches between handrails is not required for enclosed stairways accessed from a \_\_\_\_\_.
- a. stair enclosure
  - b. **horizontal exit**
  - c. rated corridor
  - d. area of refuge
- s. 1007.3**
23. Building height is determined from \_\_\_\_\_ to the average height of the highest roof surface.
- a. finished grade
  - b. the top of the foundation wall
  - c. grade 6 feet away
  - d. **grade plane**
- s. 502.1**
24. Control areas shall be separated from each other by not less than 1-hour \_\_\_\_\_.
- a. fire walls
  - b. fire partitions
  - c. fire rated construction
  - d. **fire barriers**
- s. 414.2.1**
25. When determining the minimum number of fixtures, the occupancy shall be determined by \_\_\_\_\_.
- a. chapter 29
  - b. the building official
  - c. the designer
  - d. **chapter 3**
- s. 2902.1**