Practice #3

1. Walls that separate sleeping units in the same building must comply with the provisions for \_\_\_\_\_\_\_\_?
   1. Fire partitions
   2. Fire barriers
   3. Smoke partitions
   4. Smoke barriers
2. The basement walls, exterior walls, floor, roof and any other building elements that enclose conditioned space or provide a boundary between conditioned space and exempt or unconditioned space is the definition of\_\_\_\_\_\_\_\_\_.
3. Building exterior
4. Building thermal envelope
5. Building structure
6. Building sheathing
7. Doors, when fully opened, shall not reduce the required width by more than how many inches?
   1. 10
   2. 12
   3. 7
   4. 4
8. Excluding exceptions, glass unit masonry shall NOT be used in fire walls, party walls, fire barriers, fire partitions, smoke barriers, or for \_\_\_\_\_\_\_\_\_.
   1. Load bearing construction
   2. Interior walls
   3. Decorative walls
   4. All of the above
9. Walls, partitions, and floor/ceiling assemblies between adjacent dwelling units and sleeping units shall have a sound transmission class of no less than:
   1. 100
   2. 75
   3. 25
   4. 50
10. A restaurant that seats 65 patrons is in what use group?
    1. B
    2. M
    3. A2
    4. A1
11. Footings for masonry chimneys and fireplaces and their chimneys shall be constructed of concrete or solid masonry and not less than 12 inches thick and must extend at least how many inches beyond the face of the fireplace or foundation walls on all sides?
    1. 12 inches
    2. 24 inches
    3. 4 inches
    4. 6 inches
12. An issued permit will be deemed invalid if the work authorized does not commence within how many months?
    1. 6
    2. 1
    3. 2
    4. 12
13. The maximum spacing of collar ties shall be \_\_\_\_\_\_ on center.
    1. 16 inches
    2. 4 feet
    3. 5 feet
    4. 6 feet
14. Joist framing on a wood floor from opposite sides on a bearing support shall overlap a minimum of how many inches
    1. 1
    2. 2
    3. 3
    4. 4
15. In a single family home where attic access is required the rough opening shall be a minimum of:
    1. 18 x 24 inches
    2. 18 x 30 inches
    3. 22 x 30 inches
    4. 24 x 24 inches
16. At an abatement project, where should the lunchroom be located?
    1. In another building
    2. A floor above the work area
    3. Outside
    4. As far away as possible
17. Masonry chimney cleanout openings shall be provided within \_\_\_ inches of the base of each flue.
    1. 12
    2. 6
    3. 24
    4. 4
18. The edge, or face of each piece, package, or container of foam plastic insulation shall bear the label of:
    1. The place it was ordered from
    2. A design professional
    3. The general contractor
    4. An approved agency
19. A boiler room that is over 500sf and uses 400,000 or more BTUs requires what?
    1. 2 exit doors
    2. Multiple fire extinguishers
    3. Multiple windows
    4. An attendant
20. Buildings or structures containing hazards that are classified in one or more of H-1, H-2, H-3, and H-4 use groups are required to conform to the code requirements for each of the occupancies so classified and are called:
    1. Multiple hazards
    2. Hazardous
    3. Highly hazardous
    4. Moderately hazardous
21. A Dormitory is in use group:
    1. R-1
    2. R-2
    3. R-3
    4. R-4
22. What strong backed structural element is run at right angles to studs and joins them to make a solid member in concrete form work framing?
    1. Strip
    2. Derby
    3. Strongback
    4. Waler
23. Metal flashing should be corrosion resistant and have a minimum thickness of \_\_\_\_.
    1. .019
    2. .029
    3. .025
    4. .031
24. In a commercial building what is the minimum amount and type of nails with which wood collar ties must be face nailed to rafters?
    1. 2 10d common
    2. 3 10d common
    3. 2 16d common
    4. 3 16d common
25. The strength of concrete foundation is measured in:
    1. Pounds per square feet in compression
    2. Pounds per square inch in compression
    3. Pounds per square feet in tensile
    4. Pounds per square inch in tensile
26. Which of these is NOT required on a Certificate of Occupancy?
    1. The address of the structure
    2. A permit number
    3. The assessed value of the structure
    4. The name of the building official
27. What is the minimum slope for asphalt shingles?
    1. 3:12
    2. 1:12
    3. 2:12
    4. 4:12

#3 Answer Key

1. A IBC p92 420.2

2. B Energy/definitions

3. C IBC p253 1005.7.1

4. A IBC p460 2110.1.1

5. D IBC p314 1207.2

6. C IBC Chapter 3

7. D IRC p427 R1001.2

8. A IRC & IBC p5 105.5

9. B IRC p366 R802.3.1

10. C IRC p130 R502.6.1

11. C IRC p411 R807.1

12. D **OSHA** IRC p78 #3

13. B IRC p434 R1003.17

14. D IBC p557 2603.5.6

15. A IBC p.254 1006.2

16. A IBC p48 (F) 307.8

17. B IBC p50 310.4

18. D **GK** IRC p10 #2

19. A IRC p360 R703.12.2

20. B IBC p483 table 2304.10.1 #5

21. B IBC p430 table 1808.8.1, IRC p80 table

22. C IRC p8 IBC p9

23. C IRC p.417 905.2.2