Practice #5

1. Which applications can steel studs be used in?
   1. Commercial buildings
   2. Two or more family residential dwellings
   3. Buildings three stories or higher
   4. All applications
2. When insulating a structure and an existing wall cavity already has insulation:
   1. You must replace the insulation
   2. You must test the insulation
   3. You must notify the owner
   4. The existing insulation can stay
3. When an exposed stud cavity is found to have no insulation:
   1. The cavity must meet current code
   2. The entire building must comply
   3. All walls need to meet current code
   4. The cavity must be filled with insulation
4. A one story structure attached to a dwelling with a glazing area in excess of \_\_\_\_ of the gross area of the exterior walls and roof is considered a sunroom.
   1. 50%
   2. 40%
   3. 25%
   4. 70%
5. What is the maximum lead exposure a worker can have?
   1. 50 micrograms of lead per cubic meter of air
   2. 25 micrograms of lead per cubic meter of air
   3. 10 micrograms of lead per cubic meter of air
   4. 40 micrograms of lead per cubic meter of air
6. A roof with an unprotected side or edge that is more than \_\_\_\_ feet above the level below shall be protected from falling by using a personal fall arrest system (PFAS).
   1. 8
   2. 4
   3. 6
   4. 10
7. When materials are dropped more than 20 feet to any point lying outside of a building, \_\_\_\_\_\_ is required.
   1. A dumpster
   2. An enclosed chute
   3. A chute
   4. Approved trash barrels
8. A water closet flush valve shall be automatic or must be located?
   1. On the left side of the toilet
   2. On the right side of the toilet
   3. On either side
   4. On the open or wide side
9. What is the AAB requirement for a new church, temple or mosque?
   1. Partial compliance
   2. They are exempt
   3. Entryway compliance
   4. Full compliance
10. What is the maximum spacing for anchor bolts on a sill plate?
    1. 4ft
    2. 5ft
    3. 6ft
    4. 8ft
11. What is the difference between class A and class C roofing material?
    1. Class A is more expensive
    2. Class C is more expensive
    3. Class C is more fire resistant
    4. Class A is more fire resistant
12. What is the load bearing capacity of sand?
    1. 2000 pounds per square foot
    2. 1000 pounds per square foot
    3. 500 pounds per square foot
    4. 2500 pounds per square foot
13. Concrete foundation shall be protected from freezing during depositing and for \_\_\_\_ days.
    1. 1
    2. 5
    3. 2
    4. 3
14. What is the size of a #3 rebar?
    1. 1/8 inch
    2. 3/8 inch
    3. 1 inch
    4. 1 3/8 inch
15. When planning an excavation, abutters must be notified how many days prior to commencement?
    1. 7
    2. 14
    3. 10
    4. 1
16. A Fall protection plan must include all of the following except:
    1. Administrative notes
    2. Procedures for rescue of a fallen worker
    3. Maintenance notes
    4. A competent person to implement and supervise the plan
17. When there is a handrail on one side of a stairway, what is the minimum clear width at and below the handrail height?
    1. 28 inches
    2. 30 inches
    3. 36 inches
    4. 31 ½ inches
18. The term used in the IRC to describe the individual in charge of building safety is:
    1. Code official
    2. Inspector
    3. Building inspector
    4. Building official
19. The cost of roofing material to cover a 30 x 50 roof at $35 per square is:
    1. $300
    2. $400
    3. $500
    4. $525
20. A type 4 building is also described as \_\_\_\_\_\_\_ construction.
    1. Combustible
    2. Heavy timber
    3. Fire resistant
    4. Solid

#5 Answer Key

1. D **General Knowledge #5**

2. D IRC p470 N1109.1.1 Exception 2 **Energy**

3. D IRC p470 N1109.1.1 Exception 2 **Energy**

4. B IRC p24 definitions

5. A **OSHA #7**

6. C **OSHA #12**

7. B **OSHA #11**

8. D **AAB #1**

9. D **AAB #2**

10. C IRC p89 R403.1.6

11. D IBC p336 1505.2 & 1505.4

12. A IBC p422 1806.2

13. B IBC p431 1808.8.4

14. B **General Knowledge** #9

15. C IBC p593 3307

16. A **OSHA #13**

17. D IRC p63 R311.7.1

18. D IRC p13 definitions

19. D **GK** # 6 (math 100sf per roofing square)

20. B IBC p113 602.4