A 14 Qs 35 Minutes

1. Anchor bolts must be embedded \_\_\_\_ into concrete or grouted cells of concrete masonry units.
   1. 3”
   2. 5’
   3. 7”
   4. 6”
2. What is the minimum U-factor for steel framed ceilings in Massachusetts?
   1. 0.30
   2. 0.19
   3. 0.030
   4. 0.026
3. Under what conditions can a wood floor or roof trusses be cut?
   1. With the approval of a registered design professional
   2. When the owner is present
   3. When the general contractor is present
   4. all of the above
4. A type 4 building is also described as \_\_\_\_\_\_\_ construction.
   1. Combustible
   2. Heavy timber
   3. Fire resistant
   4. Solid
5. Ferrous metals contain mostly what?
   1. iron
   2. zinc
   3. lead
   4. aluminum
6. Metal roof shingles shall not be installed on roof slopes below \_\_\_ units vertical in \_\_\_ units horizontal.
   1. 2:12
   2. 4:12
   3. 3:12
   4. 5:12
7. The maximum spacing of collar ties shall be \_\_\_\_\_\_ on center.
   1. 16 inches
   2. 4 feet
   3. 5 feet
   4. 6 feet
8. Which of the following is not a permitted skylight material?
   1. Wired glass
   2. Fully tempered glass
   3. Heat strengthened glass
   4. Decorative glass
9. A one-story structure attached to a dwelling with a glazing area in excess of \_\_\_\_ the gross area of the exterior walls and roof is considered a sunroom.
   1. 50%
   2. 40%
   3. 25%
   4. 70%
10. Load Bearing Lumber must comply with \_\_\_\_\_\_\_\_\_\_.
    1. DOC PS20
    2. DOC STP
    3. ASTM 20
    4. ASTM 55
11. The proper angle for setting up a ladder is to place its base \_\_\_\_\_\_\_\_ of the working length of the ladder from the wall or other vertical surface.
    1. 1/3
    2. 1/4
    3. 1/2
    4. 9/10
12. Handrails shall be provided on at least one side of each continuous run of stairs with\_\_\_\_\_\_ or more risers.
    1. 6
    2. 10
    3. 12
    4. 4
13. How many days does a Building Inspector have to act on a permit application?
    1. 180 days
    2. 90 days
    3. 30 days
    4. 60 days
14. An insurance company that was private is opening to the public. No alterations are being made to the building. What is required for AAB compliance?
    1. Full compliance
    2. Nothing
    3. The entrance, bathrooms, water fountains and phone booths
    4. The entrance

A 14Q test answer key

1. C IRC p89

2. D IRC p456 &amp; 457

3. A IRC p131

4. B IBC p114

5. A General knowledge notes

6. C IRC p419

7. B IRC p366

8. D IRC p60

9. B IRC p24 Definitions

10. A IRC p118 or 123 (or referenced standards)

11. B OSHA notes

12. D IRC p64

13. C Mass Amendment notes (IRC M.A. p208)

14. D AAB notes