B - 14 Questions 35 minutes

1. Which of the following is permitted in a building of type 5B construction?
2. Wood
3. Steel
4. Masonry
5. All of the above
6. A drainage system is Not Required for a foundation of a single family dwelling in which of the following cases?
7. When installed with spread footings
8. When installed on well drained ground or sand gravel mixture soils
9. When the walls are dampproofed
10. When the walls are waterproofed
11. A convenience store with 20 parking spaces must have how many handicapped accessible?
12. 3
13. 2
14. 4
15. 1
16. How many inches of accessible space must there be on the control side of appliances for inspection, service, and repair and replacement?
    1. 24
    2. 28
    3. 30
    4. 36
17. What is the minimum width of an emergency egress window?
    1. 30”
    2. 28”
    3. 32”
    4. 20”
18. Which one of the following uses is not considered a Group M occupancy?
19. Wholesale store
20. Sales room
21. Motor vehicle showroom
22. Motor vehicle service station
23. Energy code requires that non-conditioned space which is altered to become conditioned space:
    1. Must be brought into full compliance
    2. It is not allowed
    3. Nothing is required
    4. Must be brought into partial compliance
24. The steel pipe or tube used for micro pile shall have a minimum wall thickness of \_\_\_\_\_ inch?
25. 1/8
26. 3/16
27. ¼
28. 5/16
29. What is the maximum diameter a that a single load bearing stud can be bored?
    1. No more than 40% of the width
    2. No more than 50% of the width
    3. No more than 30% of the width
    4. Load bearing studs cannot have bored holes
30. Concrete basement walls and foundations exposed to the weather shall have what minimum compressive strength and freeze protection (subject to severe weather conditions) air content?
31. 2000 psi with 10% air content
32. 3000 psi with 10% air content
33. 2000 psi with 5% air content
34. 3000 psi with 5% air content
35. What is the size of a #3 rebar?
    1. 1/8 inch
    2. 3/8 inch
    3. 1 inch
    4. 1 3/8 inch
36. The gaming floor of a casino shall be classified as a Group \_\_\_\_\_ occupancy.
37. A-2
38. A-3
39. B
40. M
41. What is the maximum spacing for control joints in a basement in MA?
    1. 10’
    2. 20’
    3. 30’
    4. 40’
42. Notches in joists, rafters and beams shall not exceed what fraction of the member?
    1. Half
    2. 1/8
    3. 3/8
    4. 1/6

14 Question B test answer key

1. D IBC p115

2. B IRC p119

3. D AAB notes

4. C IRC p473

5. D IRC p62

6. C IBC p49

7. A IRC p470

8. B IBC p442

9. A IRC p167

10. D IRC p80

11. B general Knowledge notes

12. A IBC p41

13. C Mass Amendment notes (IRC M.A. p 241)

14. D IRC p130